

# FILE NOTATIONS

Entered in NID File .....  
 Location Map Pinned .....  
 Card Indexed .....  
 ✓

Checked by Chief *PWB*  
 Approval Letter *3.31.72*  
 Disapproval Letter .....

## COMPLETION DATA:

Date Well Completed *12-11-72* Location Inspected .....  
 W..... WW..... TA..... Bond released  
 GW..... OS..... PA..... State or Fee Land .....

## LOGS FILED

Driller's Log.....  
 Electric Logs (No.) .....  
 E..... I..... Dual I Lat..... GR-N..... Micro.....  
 MC Sonic GR..... Lat..... Mi-L..... Sonic.....  
 CLog..... CLog..... Others.....

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

Patented

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Lotridge-Gates

9. Well No.

1-3B3

10. Field and Pool, or Wildcat

Altamont

11. Sec., T., R., M., or Blk.  
and Survey or AreaNE/4 NE/4 Lot 1  
Section 3-T 2S-R 3W

12. County or Parrish 13. State

Duchesne Utah

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil  
Well ☒Gas  
Well ☐

Other

Single  
Zone ☒Multiple  
Zone ☐

2. Name of Operator

Shell Oil Company (Rocky Mountain Division Production)

3. Address of Operator

1700 Broadway, Denver, Colorado 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface

965' FNL and 750' FEL

At proposed prod. zone

S. N. C. N. C.

14. Distance in miles and direction from nearest town or post office\*

4 1/2 miles SE of Altamont

15. Distance from proposed\* location to nearest property or lease line, ft.  
(Also to nearest drlg. line, if any)

750' from sec line

570'

16. No. of acres in lease

81.16

17. No. of acres assigned to this well

640+

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

No other wells

on lease

19. Proposed depth

14,800'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5993 GL (Ungraded)

22. Approx. date work will start\*

Soon

23.

## PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement

As per attached drilling prognosis and certified survey plat.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Title Division Operations Engineer

Date March 28, 1972

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by.....  
Conditions of approval, if any:

Title.....

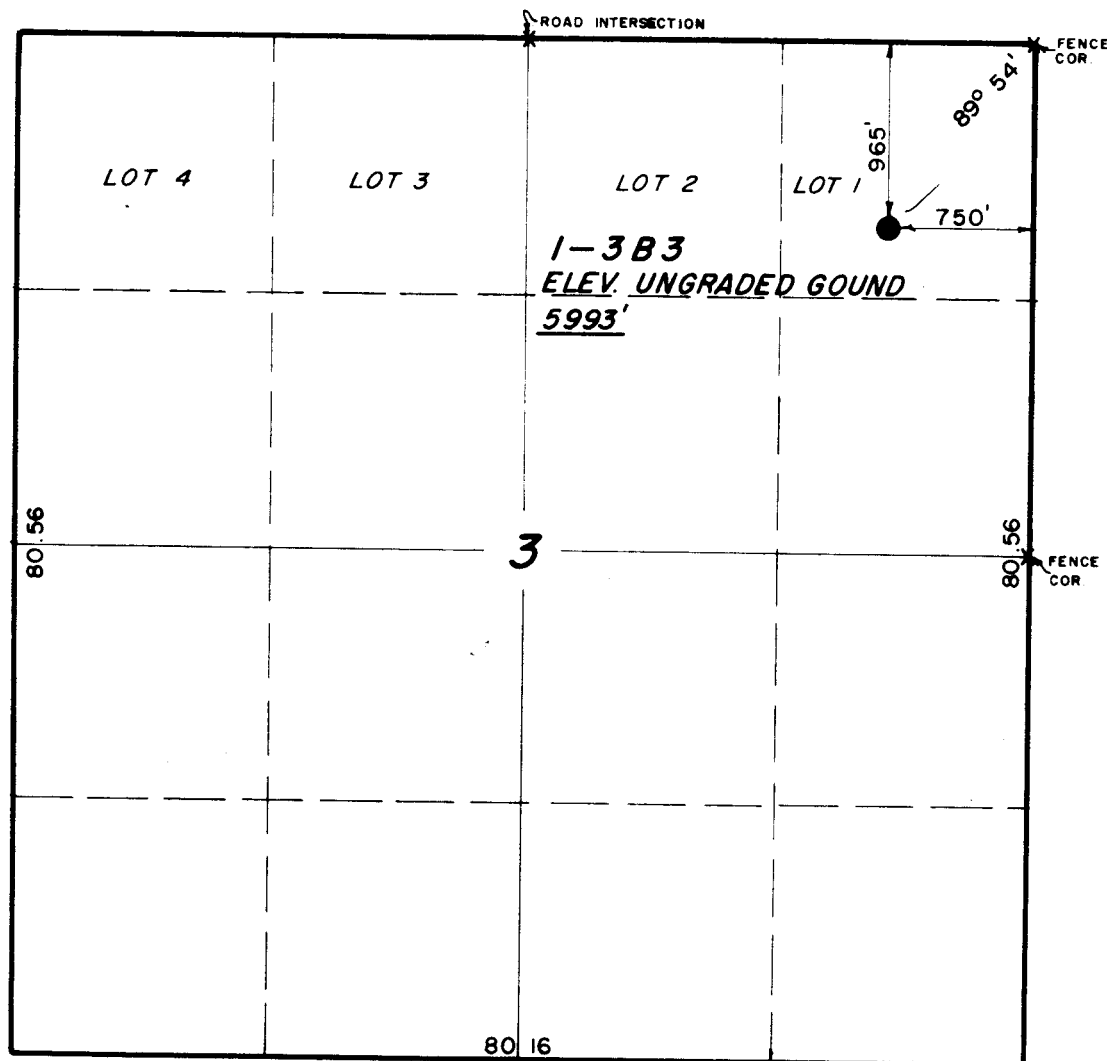
Date.....

T2S, R3W, U.S.B.&M.

PROJECT

SHELL OIL COMPANY

Well location, 1-3B3, located as shown in the NE 1/4 NE 1/4 (Lot 1) Section 3, T2S, R3W, U.S.B.&M. Duchesne County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

*Steve Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 24 March, 1972
PARTY G.S. M.T.	REFERENCES GLO Plat
WEATHER Fair	FILE SHELL OIL CO.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

**Patented**

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

**Lotridge-Gates**

9. Well No.

**1-3B3**

10. Field and Pool, or Wildcat

**Altamont**11. Sec., T., R., M., or Blk.  
and Survey or Area**NE/4 NE/4 Lot 1  
Section 3-T 2S-R 3W**

12. County or Parrish 13. State

**Duchesne Utah**

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil  
Well ☒Gas  
Well ☐

Other

Single  
Zone ☒Multiple  
Zone ☐

2. Name of Operator

**Shell Oil Company (Rocky Mountain Division Production)**

3. Address of Operator

**1700 Broadway, Denver, Colorado 80202**

4. Location of Well (Report location clearly and in accordance with any State requirements.\*)

At surface

**965' FNL and 750' FEL**

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*

**4 1/2 miles SE of Altamont**15. Distance from proposed\* location to nearest property or lease line, ft.  
(Also to nearest drlg. line, if any)**750' from sec line****570'**

16. No. of acres in lease

**81.16**

17. No. of acres assigned to this well

**640+**

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

**No other wells  
on lease**

19. Proposed depth

**14,800'**

20. Rotary or cable tools

**Rotary**

21. Elevations (Show whether DF, RT, GR, etc.)

**5993 GL (Ungraded)**

22. Approx. date work will start\*

**Soon**

23.

## PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement

**As per attached drilling prognosis and certified  
survey plat.**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Original Signed By  
**J. C. HOWELL**

Signed.....

Title **Division Operations Engineer**Date **March 28, 1972**

(This space for Federal or State office use)

Permit No.....

Approval Date .....

Approved by.....

Title.....

Date.....

Conditions of approval, if any:



March 31, 1972

Shell Oil Company  
1700 Broadway  
Denver, Colorado

Re: Lotridge-Gates #1-3B3  
Sec. 3, T. 2 S, R. 3 W,  
Duchesne County, Utah

Shell-Tenneco-Gulf-Ellsworth  
#1-9B4  
Sec. 9, T. 2 S, R. 4 W,  
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the Order issued in Cause No. 139-3/139-4.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL-Chief Petroleum Engineer  
HOME: 277-2890  
OFFICE: (801) 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation with regard to completing this form will be greatly appreciated.

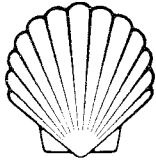
The API numbers assigned to these wells are:

#1-3B3:	43-013-30117
#1-9B4:	43-013-30118

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR



# SHELL OIL COMPANY

1700 BROADWAY  
DENVER, COLORADO 80202

July 7, 1972

Re: Request To Commingle  
Altamont Field  
Duchesne County, Utah

Mr. Cleon B. Feight, Director  
Utah Oil and Gas Conservation Commission  
1588 West No. Temple  
Salt Lake City, Utah 84116

Dear Mr. Feight:

This is a request for authorization to commingle treated oil in common storage facilities from wells in the Altamont Field, Duchesne County, Utah. The wells are the Shell Rust 1-4B3, Shell Powell 1-33A3 and Shell Lotridge Gates 1-3B3 located as shown on Figure No. 1. We have previously received your approval to commingle wells 1-4B3 and 1-33A3 by your letter of June 6, 1972, and this request is to allow the addition of well 1-3B3 to the central commingled battery. The following discussion outlines our proposed system to commingle.

The centralized facility with common tankage for the wells would be located near the Rust 1-4B3 well site. Figure No. 2 shows the proposed equipment layout at the central facility. The total, untreated production from each well flows to individual heater-treaters where the oil, gas and water is separated. The treated oil from the heater-treater will be continuously metered through a Lease Automatic Custody Transfer (LACT) type measuring system prior to flowing into common storage tanks. Tank bottom circulation (treating) from the storage tanks, is to a separate heater-treater to eliminate possible double metering of oil.

Our proposed metering system is shown in Figure No. 3. Treated oil from each lease heater-treater flows through a positive displacement (PD), temperature compensated meter. Samples are taken regularly and stored in a pressurized container for use in determining the average B. S. and W. content and API oil gravity monthly as is the practice in LACT systems. The PD meter will be proved at least every three months by a method in accordance with API Standard 1101. The metering systems for the wells will be identical and operated at approximately the same temperature and pressure. At the end of each month the total of all sales runs from common storage will be allocated back to the individual wells. This allocation will be based on meter readings and corrective meter factors from the metering systems. We believe this system complies fully with Rule F-1 of the Oil and Gas Conservation Act and will provide a reliable, accurate metering method.

Mr. Cleon B. Feight

2

We believe the proposed commingling method to be an accurate and effective means to permit commingling of treated oil from leases of differing royalty interests. Further, authorization to commingle will offer added incentive to consolidate production systems, thereby reducing both capital and operating costs, which in effect can increase ultimate recovery by allowing a lower economic production rate before abandonment.

We would appreciate your early approval of our request to commingle. Should you have questions concerning this request please contact us, and if you desire, you may call Mr. G. L. Sargent of our Mechanical Engineering Section at Area Code 303, 572-2594.

Yours very truly,

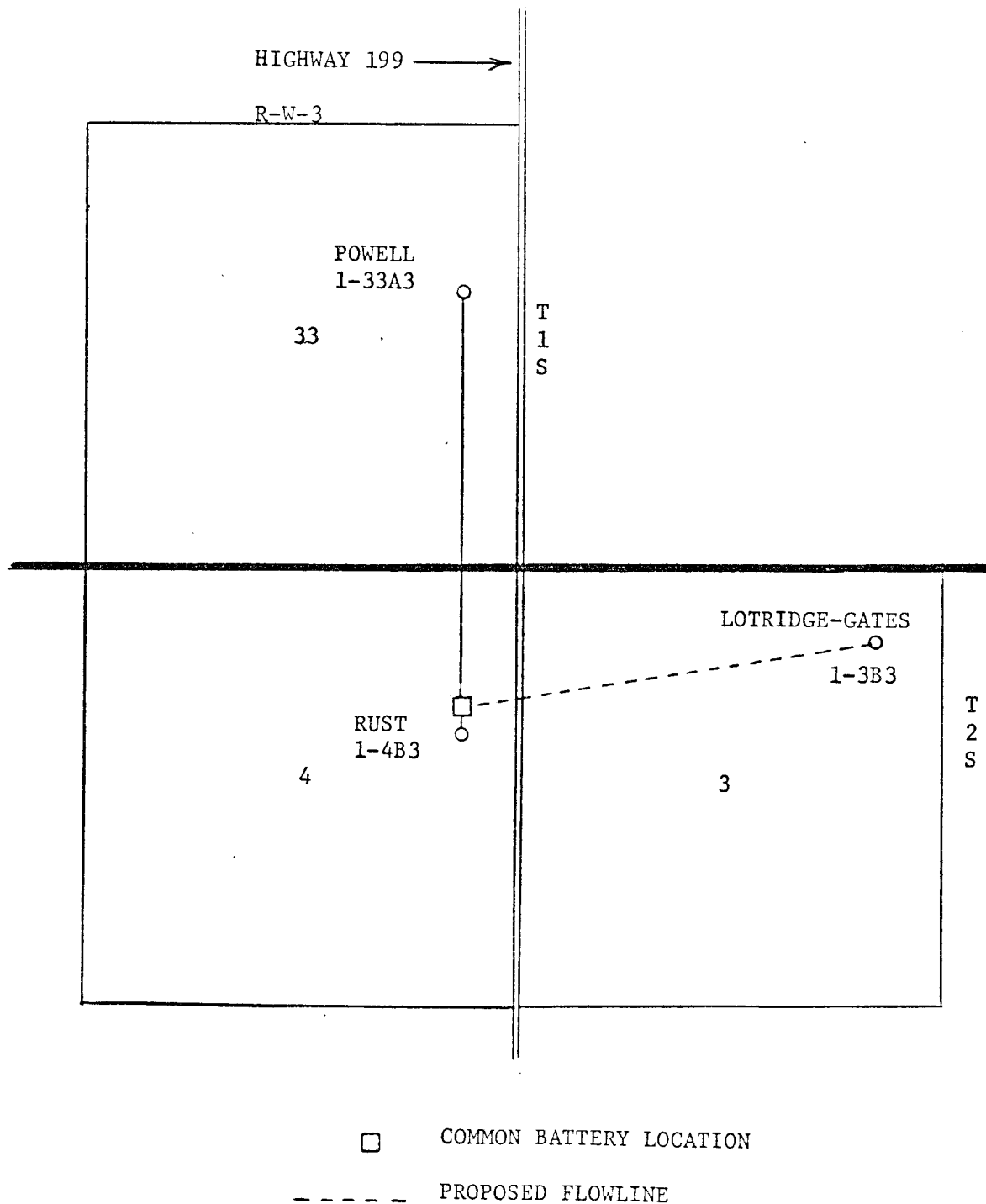


N. J. Isto  
Division Production Manager  
Rocky Mountain Division

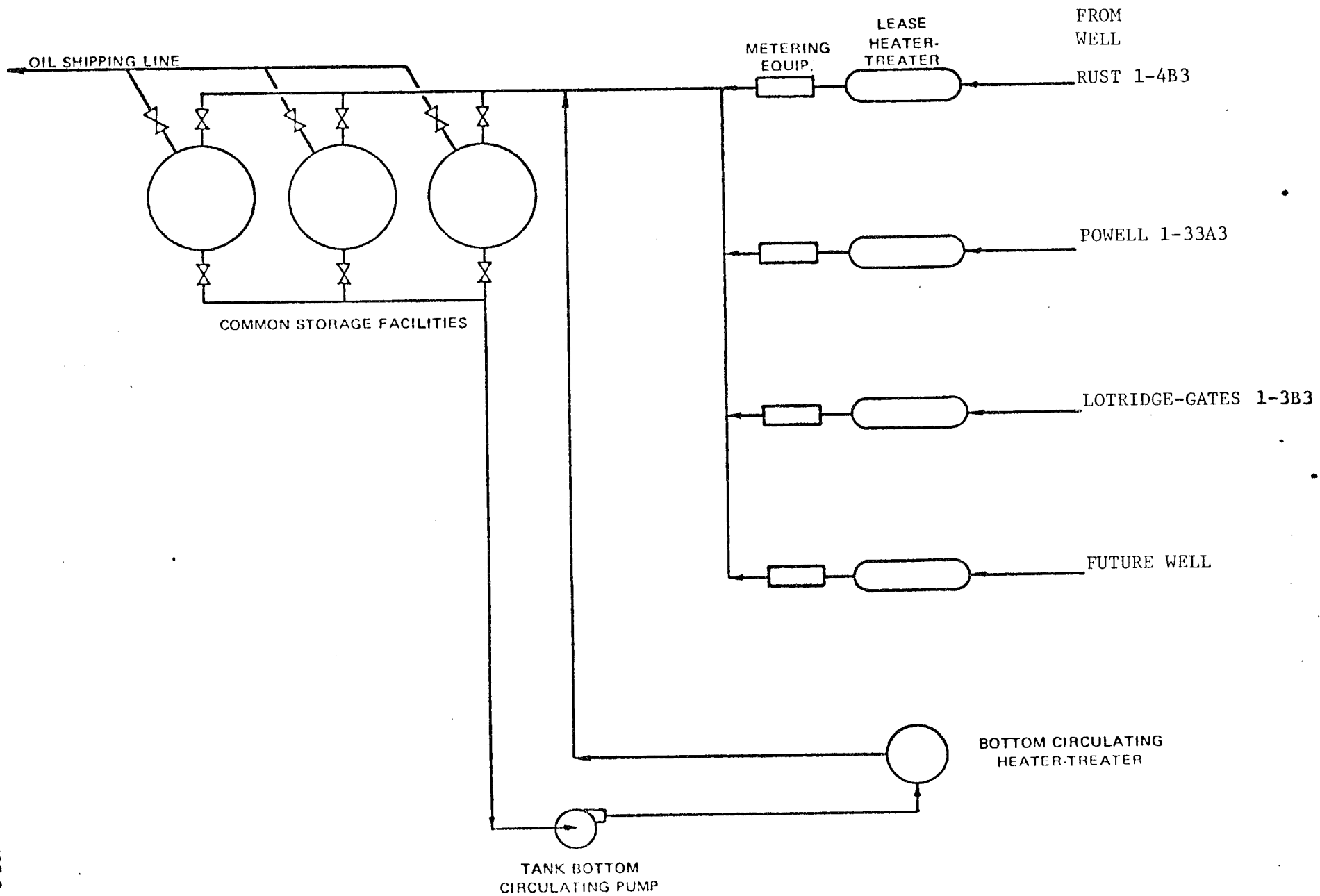
GLS:mls

Attachments

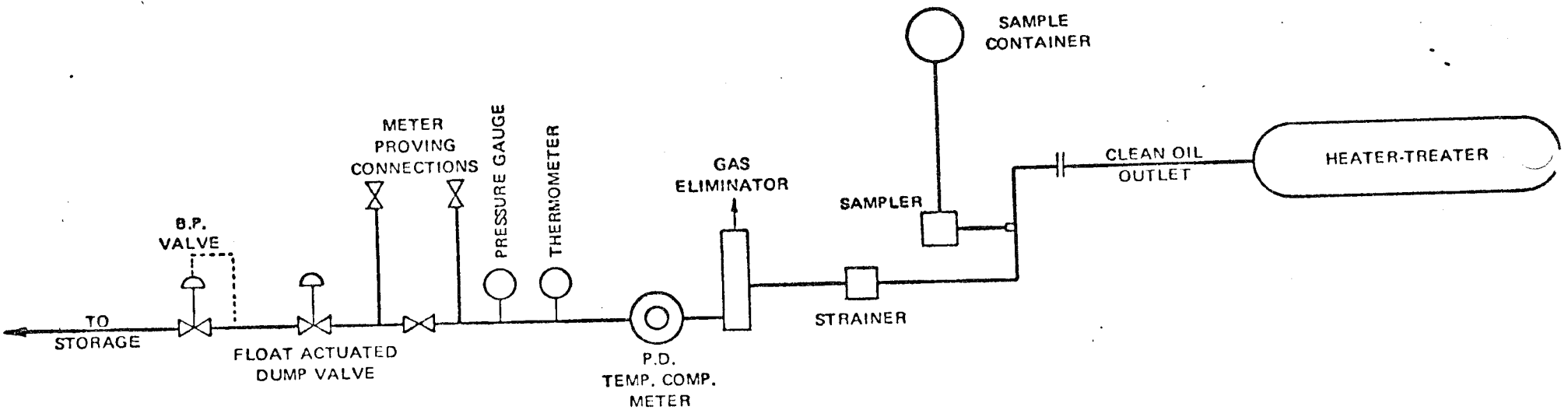
LOCATION PLAT  
CENTRALIZED PRODUCTION FACILITIES  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH



FLOW DIAGRAM FOR PROPOSED  
CENTRALIZED PRODUCTION FACILITIES  
ALTAMONT FIELD, UTAH



FLOW DIAGRAM  
PROPOSED METERING EQUIPMENT  
CENTRALIZED PRODUCTION FACILITIES  
ALTAMONT FIELD, UTAH



July 10, 1972

Shell Oil Company  
1700 Broadway  
Denver, Colorado 80202

ATTENTION: Mr. H.J. Isto, Division Production Manager

Re: Shell-Rust #1-4B3,  
Sec. 4, T. 2 S, R. 3 W,  
Shell-Powell #1-33A3,  
Sec. 33, T. 1 S, R. 3 W,  
Shell-Gates #1-3B3,  
Sec. 3, T. 2 S, R. 3 W,  
Duchesne County, Utah

Dear Mr. Isto:

Relative to your letter of July 7, 1972, please be advised that approval to commingle treated oil in common storage facilities from the above referred to wells, is hereby granted.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd

## STATE OF UTAH

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

## OIL &amp; GAS CONSERVATION COMMISSION

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. Patented	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Shell Oil Company (Rocky Mountain Div Production)				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202				8. FARM OR LEASE NAME Lotridge-Gates	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 965' FNL and 750' FEL Sec 3 At top prod. interval reported below At total depth				9. WELL NO. 1-3B3	
14. PERMIT NO. 43-013-30117				DATE ISSUED 3-30-72	
15. DATE SPUDDED 4-5-72		16. DATE T.D. REACHED 7-30-72		10. FIELD AND POOL, OR WILDCAT Altamont	
17. DATE COMPL. (Ready to prod.) 12-11-72		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 8993 GL, 6011 KB		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NE/4 NE/4 Section 3-T 2S-R 3W	
19. ELEV. CASINGHEAD 19.25'		20. TOTAL DEPTH, MD & TVD 14,800'		12. COUNTY OR PARISH Duchesne	
21. PLUG, BACK T.D., MD & TVD --		22. IF MULTIPLE COMPL., HOW MANY* --		13. STATE Utah	
23. INTERVALS DRILLED BY --				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Upper Wasatch Transition, Flagstaff, and No. Horn Transition perfs 11,573-14,748	
25. WAS DIRECTIONAL SURVEY MADE Yes				26. TYPE ELECTRIC AND OTHER LOGS RUN Sonic, BHCS-GR w/cal, DIL, CNL-FDC	
27. WAS WELL CORED Tricores				28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
13 3/8"		68#		237'	
9 5/8"		40#		6,250'	
7"		26#		11,535'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
17 1/2"		400 sx		0	
12 1/4"		650 sx		0	
8 3/4"		450 sx		0	
29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SIZE	DEPTH SET (MD)
5"	11,292	14,797	595		
31. PERFORATION RECORD (Interval, size and number) As per attachments				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED	
33.* PRODUCTION					
DATE FIRST PRODUCTION 12-11-72		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 12-20-72	HOURS TESTED 24	CHOKE SIZE 16/64"	PROD'N. FOR TEST PERIOD --	OIL—BBL. 1175	GAS—MCF. 1780
				WATER—BBL. 39	GAS-OIL RATIO 1515
FLOW. TUBING PRESS. 3000	CASING PRESSURE 120	CALCULATED 24-HOUR RATE --	OIL—BBL. 1175	GAS—MCF. 1780	WATER—BBL. 39
					OIL GRAVITY-API (CORR.) 42.5°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used on rig, heater treaters, and remainder flared					TEST WITNESSED BY
35. LIST OF ATTACHMENTS Well Log and History, Csg and Cmtg Details					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>K.R. Jordan</u>		TITLE <u>Division Operations Engr.</u>		DATE <u>March 8, 1973</u>	

\*(See Instructions and Spaces for Additional Data on Reverse Side)



Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. Flowing. On various tests, well flowed as follows: DEC 18 1972

Date	Hrs	BO	BW	MCF gas	Chk	FTP	CP
12/16	23	999	0	1550	12/64	3800	80
12/17	24	911	2	1080	10/64	3800	90
12/18	24	969	31	1187	12/64	3800	150

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. Flowing. On 24-hr test, well flowed 1003 BO, 8 BW and 1009 MCF gas on 13/64" chk w/3800 psi FTP and 175 psi CP. DEC 18 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. Flowing. On 24-hr test, well flowed 850 BO, no wtr and 1220 MCF gas on 12/64" chk w/3200 psi FTP and 150 psi CP. DEC 20 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. Flowing. OIL WELL COMPLETE. On 24-hr test ending 7 AM, 12/21/72, well flowed 1175 BO, 39 BW and 1780 MCF gas on 16/64" chk w/3000 psi FTP and 120 psi CP from the following Upper Wasatch Transition, Flagstaff and North Horn Transition perfs: 11,573, 11,588, 11,599, 11,608, 11,615, 11,750, 11,786, 11,932, 11,999, 12,042, 12,065, 12,130, 12,145, 12,151, 12,164, 12,172, 12,280, 12,302, 12,314, 12,334, 12,359, 12,409, 12,455, 12,468, 12,478, 12,567, 12,622, 12,640, 12,668, 12,694, 12,708, 12,781, 12,791, 12,828, 12,868, 12,883, 12,916, 12,933, 12,978, 13,000, 13,046, 13,054, 13,201, 13,270, 13,297, 13,333, 13,411, 13,442, 13,507, 13,682, 13,730, 13,738, 13,802, 13,889, 13,927, 13,938, 14,082, 14,119, 14,130, 14,152, 14,182, 14,234, 14,256, 14,349, 14,361, 14,371, 14,382, 14,416, 14,439, 14,452, 14,484, 14,508, 14,532, 14,578, 14,600, 14,621, 14,644, 14,677, 14,687, 14,748. Oil Gravity: 42.50 API @ 60°F

Test Date: 12/20/72. Initial Prod Date: 12/11/72.  
Elev: 5993 GL, 6011 KB

Log Tops: TGR-3 9,520' (-3509)  
UPPER WASATCH TRANSITION 11,300' (-5289)  
FLAGSTAFF 12,050' (-6039)  
NORTH HORN TRANSITION 13,130' (-7119)

This well was drilled for routine development.

FINAL REPORT. DEC 21 1972

FORM OG X  
FILL IN DUPLICATE

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING  
\*\*\*\*\*

Well No. 1 Owner: Shell-Lotridge Gates 1-3B3  
Operator: Shell Oil Company Address: 1700 Broadway  
Rocky Mountain Div. Production Denver, Colorado 80202  
Contract No.: Address: \_\_\_\_\_  
Location: NE 1/4 NE 1/4 Sec. 3 T. 2 N, R. 3 E, Duchesne County, Utah  
S W

Water Sample:

<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
<u>To-</u>	<u>Flow Rate or Head-</u>	<u>Fresh or Salty-</u>

1.	<u>NO SANDS EVALUATED OR TESTED</u>	
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____

(Continue on reverse side if necessary)

Form title: ops:

Remarks:

- E: (a) Upon diminishing supply of forms, please inform this office.  
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (see back of this form)  
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

NEW OIL WELL	EASE LOTRIDGE GATES	WELL NO.	ALTAMONT
SHELL OIL COMPANY	DIVISION ROCKY MOUNTAIN	ELEV	1-3B3
FROM: 4-6 - 12-21-72	COUNTY DUCHESNE	STATE	6011 KB
			UTAH

JAN 30 1973

# UTAH

## ALTAMONT

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test

"FR" 85/105/1/85. Drilling.  
Located 965' FNL and 750' FEL, NE/4 NE/4, Lot 1,  
Section 3-T2S-R3W, Duchesne County, Utah  
Elev: 5993 GL (ungraded)  
14,800' Wasatch Test  
Shell Working Interest - 100%  
Drilling Contractor - Signal Drilling Company  
This is a routine Wasatch development test.  
Drld rat hole and mouse hole. Spudded well 9:00 PM,  
4/5/72.  
Mud: Wtr APR 6 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

237/105/2/152. WOC. Using two plugs, ran and cmt'd  
6 jts (240.67') 13-3/8" 68# K-55 ST&C csg to 237' w/  
400 sx Class "G" cmt containing 3% CaCl<sub>2</sub>. Displaced  
w/30 bbls wtr. CIP 4:35 AM 4/7/72. Circ'd cmt.  
Bumped plug w/1500 psi, float held OK. Pipe-lok used  
btm 2 jts. Dev: 3/4° @ 117' APR 7 1972  
Mud: Wtr

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

4/8: 415/105/3/178. Drilling. WOC and nipples up BOP's.  
Laid down 1 DC. Drld cmt, float collar and shoe.  
Mud: Wtr  
4/9: 1500/105/4/1085. Drilling. Dev: 1/2° @ 695', 1°  
@ 976'. Changed out power swivel. APR 10 1972  
Mud: Wtr  
4/10: 2235/105/5/785. Drilling. Dev: 3/4° @ 1935'.  
Tripped for new bit. Washed to btm.  
Mud: Wtr

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

3050/105/6/815. Drilling.  
Mud: Wtr APR 11 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

3610/105/7/560. Drilling. Dev: 3/4° @ 3082. Tripped  
for new bit. APR 12 1972  
Mud: Wtr

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

4035/105/8/425. Drilling. Dev: 1° @ 3748. Tripped  
for new bit. Washed 40' to btm.  
Mud: Wtr APR 13 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

4337/105/9/302. Pulling out of hole. Dev: 3/4° @  
4200'. Twisted off while drlg @ 4337'.  
Mud: Wtr APR 14 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

4/15: 4497/105/10/160. Drilling. Washed 40' to btm.  
Mud: Wtr  
4/16: 4784/105/11/287. Drilling. APR 17 1972  
Mud: Wtr  
4/17: 5095/105/12/311. Drilling.  
Mud: Wtr

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

5320/105/13/225. Drilling. Dev: 1° @ 5250'.  
Tripped for new bit. Cleaned tanks. APR 18 1972  
Mud: Wtr

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

5541/105/14/221. Tripping for new bit. Worked  
plugged bit for 2 hrs.  
Mud: Wtr APR 19 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

5601/105/15/60. Drilling. Tripped in hole w/420'  
of fill. Washed to btm and bit plugged. Unplugged  
bit and 90' of DC's. Washed and reamed to btm - had  
600' of fill.. APR 20 1972  
Mud: Wtr

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

5625/105/16/24. Freepointing. Had tight connection.  
Worked and pulled 4 jts DP - stuck @ 5440. WO free-  
point indicator and fishing tools. Attempted to back  
off DC's w/McC string shot @ 5368, 5338, and 5188 -  
would not back off. APR 21 1972  
Mud: 8.4 x 27

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

4/22: 5625/105/17/0. Attempting to screw into fish.  
Shot off @ 5811'. Picked up 3 DC's; jars and bumper  
sub. Washed to top of fish, circ and cond mud.  
Mud: 8.9 x 35

4/23: 5635/105/18/10. Drilling. Screwed into fish  
and jarred same. Unplugged DC's and laid down fishing  
tools. Made up and ran BHA to 5100'. Circ and mix  
mud. Washed from 5100' to 5625'.

Mud: 8.7 x 42

APR 24 1972

4/24: 5760/105/19/125. Drilling.

Mud: 8.6 x 35

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

5830/105/20/70. Drilling. Dev: 2° @ 5770'. Tripped  
for new bit - hole tight. Cut drlg line and laid down  
8 jts DP. Reamed to btm. APR 25 1972  
Mud: 8.9 x 34 x 23

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

6015/105/21/185. Drilling.  
Mud: 8.9 x 35 x 18 APR 26 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

6200/105/22/185. Drilling. APR 27 1972  
Mud: 9.0 x 34 x 18

Shell-Lotridge  
Gates 1-3B3  
(D) Signal  
14,800' Wasatch Test  
13-3/8" csg @ 237'

6250/105/23/50. Washing 55' of fill. Circ, WO chemicals  
and mixed mud. Laid down BHDC and changed BHA. Ran  
monel and washed 35' to btm. APR 28 1972  
Mud: 9.3 x 37 x 16.

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

4/29: 6250/105/24/0. Running 9-5/8" csg. Tripped  
in hole w/bit (10' of fill). Circ and cond mud prior  
to running csg. Laid down DP and DC's. Pulled wear  
bushing.

MAY 1 1972

4/30: 6250/105/25/0. MORT. Ran and cmted 141 jts  
9-5/8" 40# K-55 ST&C csg to 6250 w/250 sx 1:1 pozmix  
containing 2% gel followed by 400 sx Class "G" containing  
2% NaCl. Displaced w/458 bbls wtr. Bumped plug w/1100  
psi. Float held. After 4 hrs, pumped 300 sx Class "G"  
containing 3% CaCl<sub>2</sub> down annulus. Cut off pipe and set  
slips w/190,000#. Released rig 8 PM 4/29/72. RDUFA.

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

TD 6250. (RRD 5/1/72) MAY 2 2 1972  
5/21 and 5/22: Flanging up BOP's and chk manifold.

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

TD 6250. Testing stack and chk manifold. MAY 2 3 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

TD 6250. Drilling. Drld FC @ 6202. Tested BOP's and  
csg to 2000 psi for 10 min, held OK: MAY 2 4 1972  
Mud: Wtr

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

6570/105/26/320. Drilling.  
Mud: Wtr MAY 2 5 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

6822/105/27/252. Drilling.  
Mud: Wtr MAY 2 6 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9 5/8" csg @ 6250'

5/27 7294/105/28/472. Drilling.  
5½ hrs rig repair.  
Mud: Water

5/28 7914/105/29/620. Drilling. MAY 3 0 1972  
Mud: Wtr.

5/29 8208/105/30/294. Drilling.  
Dev: 4½" @ 8089. Made trip for new bit.  
Mud: wtr

5/30 8711/105/31/503. Drilling.  
Mud: Wtr.

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9 5/8" csg @ 6250'

9096/105/32/385. Drilling.  
Circ out prior to trip for new bit.  
Made rig repair. MAY 3 1 1972  
Mud: wtr

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9 5/8" csg @ 6250'

9683/105/33/587. Drilling JUN 1 1972  
Mudded up at 9530'.  
Mud: (.441) 8.5 x 34 x 18.6

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9 5/8" csg @ 6250'

9954/105/34/271. Tripping. Dev: 3 1/2" at 9954. JUN 2 1972  
Mud: (.468) 9 x 35 x 15.6.

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9 5/8" csg @ 6250'

6/3: 10,274/105/35/320. Drilling.  
Gas show at 10,066. Background increase from 280 to 1440  
units w/9 ppg. Increased wt to 9.2 ppg. Background decrease to  
560 units at 10,125 w/9.2 ppg.  
Mud: (.484) 9.3 x 36 x 12.8 (Oil trc)  
6/4: 10,674/105/36/400. Drilling.  
Mud: 9.3  
6/5: 10,854/105/27/180. Drilling.  
Ran E. stman directional multishot survey from 10,800 -  
6,250 on trip out w/Bit #5. Tested w/yellow jacket. Circ  
through gas buster after trip - out of hole 13 hrs. Mud  
cut from 9.3 - 9.1 while getting btms up. JUN 5 1972  
Mud: (.484) 9.3 x 36 x 8.8 (Oil trc).

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

11,139/105/38/285. Drilling. JUN 6 1972  
Mud: (gradient .494) 9.5 x 38 x 7.6 (2% oil)

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

11,309/105/39/170. Drilling. While drlg @ 11,241  
w/9.7 ppg mud, well flowed 6 bbls while getting btms  
up from connection made @ 11,237. SI well w/no  
apparent press. Resumed drlg and raised mud wt to  
9.8 ppg. Had weak sample show w/some light green oil  
on pits, w/show remaining at report time. JUN 7 1972  
Mud: (gradient .515) 9.9 x 37 x 7.2 (4% oil)

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

11,316/105/40/7. Circ and building mud wt. Presently  
mud being cut from 10.8 to 10.4 ppg. JUN 8 1972  
Mud: (gradient .562) 10.8 x 44 x 5.2 (7% oil)

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

11,360/105/41/44. Drilling. Raised mud wt from 9.9  
to 10.8 ppg to trip for new bit. Pumped through chk  
for 1 1/2 hrs while circ out trip gas. JUN 9 1972  
Mud: (gradient .572) 11 x 46 x 5.4 (7% oil)

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

6/10: 11,484/105/42/125. Building mud volume. Had 1200 units background gas w/11.4 ppg mud. Decreased to 900 units w/11.5 ppg mud. Lost 85 bbls mud @ 11,484 w/11.5 ppg mud.  
Mud: (gradient .598) 11.5 x 45 x 4  
6/11: 11,520/105/43/36. Drilling. Lost 85 bbls mud @ 11,484. Pulled 6 stds and filled annulus w/mud. SD 10 hrs during which time annulus took 55 add'l bbls mud in steadily decr amts. Broke circ @ 10,950, using chk on gun line to regulate pump press and pmpg rate at low value (100 psi to 350 psi). Broke circ again @ 11,215 and 11,484, using same method w/no mud loss. No LCM used. Background gas: 800 units, (previously 1600 units).  
Mud: 11.5 x 46 x 4 (8% oil)  
6/12: 11,543/105/44/23. Building mud wt. While drlg @ 11,543 and prep to trip out for logs, background gas incr to >1600 units - mud being cut to <9 ppg from 11.6 ppg. Raised mud wt 1/10 per circ until partial returns were lost @ 12 ppg. Picked up and quit pmpg. Presently top filling hole and waiting. Hole taking mud in decr amts.  
Mud: (gradient .624) 12 x 42 x 6.8 (2% oil) JUN 13 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

11,543/105/45/0. Circ 12.1 ppg mud. Waited 7 hrs for hole to heal. Well started flowing small stream. Closed hydril w/no press incr. Opened hydril and started pmpg slowly w/gas bubble reaching surface after 1/4 hr. Closed hydril, placing well on chk for 3 hrs. Incr mud to 12.1 ppg w/returns of 11.6. Opened hydril w/returns of 11.9, then lost full returns. Filled annulus w/11.6 ppg mud and waited 9 hrs for hole to heal. Now pmpg @ reduced rate and incr mud to 12.1 ppg. Lost approx 200 bbls mud last 24 hrs. Background gas: 800 units.  
Mud: (gradient .629) 12.1 x 48 x 5.2 (9% oil) JUN 13 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

11,543/105/46/0. Circ and cond mud - Incr mud wt to 12.3 ppg. Circ 12.1 ppg mud in and out of flow line. Made 10 std wiper trip w/no excess drag. Hole took mud. Circ 1-3/4 hrs w/reduced pump press - mud wt cut to 11.0 - had oil in returns. Incr mud to 12.3, losing returns before 12.3 mud in flowline. Down 8 hrs WO hole to heal. Now circ w/full returns. Incr mud to 12.3. Mud cut to 10.3 after circ 3/4 hr. Now circ w/full returns. Max gas: 1600 units. Background gas: 1150 units. Lost 400 bbls mud last 24 hrs.  
Mud: (gradient .639) 12.3 x 46 x 6.0 ( $\pm$ 6% LCM) (6% oil) JUN 14 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

11,543/105/47/0. Prep to trip out to log. Circ and built mud wt to 12.4. Losing mud to fm. Sptd LCM pill. WO hole to heal. Filled annulus from trip tank. Pmpg at reduced rate w/full returns, circ 12.4 mud completely. Made 10 std wiper trip, OK. Circ out w/no mud cut off btm. Lost approx 600 bbls mud last 24 hrs. Background gas: 850 units.  
Mud: (gradient .644) 12.4 x 44 x 6.2 (6% oil) JUN 15 1972



Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

11,543/105/48/0. Circ above bridge @ 8600' - cond mud. Slugged pipe and pulled out of hole slowly w/40,000# drag, 25 stds off btm @ ±9300'. Measured out w/no correction. RU Schl and ran Sonic log, hitting obstruction in BOP. Pulled out DP rubbers on tool. Reran tool to 8650', hitting obstruction. Pulled tool and found DP rubber on tool. Found DP rubbers floating in mud in BOP stack. Reran tools to 8650. Logged back to sfc. RD Schl. Ran back in hole and broke circ @ btm of csg, hitting obstruction @ 8600. No mud loss last 24 hrs. Background gas: 1420 units. Changed bit @ 11,543 - lost cone in hole. Mud: (gradient .644) 12.4 x 46 x 6.2 (6% oil) JUN 18 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

6/17: 11,543/105/49/0. Circ and cond mud. Circ above bridge @ 8600'. CO bridge 8650-8845. Finished running in hole w/10 stds. Circ out. Started getting incr in flow while circ @ 10,942. Put well on chk for 3 hrs. Cut mud from 12.4 to 11.0 ppg. Circ @ 11,520 3 hrs, losing sli amt of mud. Background gas: 900 units. Lost approx 250 bbls mud last 24 hrs.

Mud: 12.5

6/18: 11,543/105/50/0. Cond mud.

Mud: 12.5

6/19: 11,543/105/51/0. Logging. Lost partial returns while building mud wt to 12.4 ppg. Built mud wt in pits to 12.5. Displaced hole to within 1000' of sfc w/ 12.5 ppg mud and pulled out of hole to log. Ran BHCS-GR w/cal from 11,515-7500, DIL from 11,515-6250. Presently running CNL/FDC from 11,515-7000.

Mud: 12.5

JUN 19 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

11,543/105/52/0. Circulating. Reran CNL/FDC from 11,515-9000'. Tripped in and circ out 12.3 ppg mud. Presently sptg 12.5 ppg mud in hole prior to running 7" csg.

Mud: (gradient .630) 12.4 x 43 x 7.4 (7% oil) JUN 20 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
9-5/8" csg @ 6250'

11,543/105/53/0. Running 7" csg. Made two unsuccessful attempts to pull out of hole - hole would not take proper amt of mud. Sptd 12.7 ppg mud on btm 2000' and pulled 20 stds. Top filled annulus until hole would stand full. Pulled out of hole, laying down 4½" DP and DC's. RU to run csg.

Mud: (gradient .630) 12.5 x 43 x 7.4 (7% oil) JUN 21 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
7" csg @ 11,535'

11,543/105/54/0. Flanging up; prep to test. Ran 267 jts 7" 26# S-95 LT&C csg to 11,535' w/225 sx Hal Lite w/.75% CFR-2. Collar @ 11,405.90 and shoe @ 11,535. Broke circ w/mud - partial returns. Had 10 bbls wtr preflush ahead. Slurry 12.4 ppg. Tailed in w/125 sx Class "G" w/1.0% CFR-2 and 0.3% HR-4. Slurry 15.8 ppg. Displaced w/436 bbls mud. Bumped plug w/2000 psi, holding 5 min OK. Bled back 3 bbls, float held OK. Set slips and cut off 7".

JUN 22 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
7" csg @ 11,535'

No report.

JUN 23 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
7" csg @ 11,535'

6/23: 11,543/105/55/0. Picking up 3½" DP. Tested BOP's to 5000 psi, held OK.

6/24: 11,536/105/56/1. Drilling. Drld cmt and FC before drlg shoe. Press tested csg to 2000 psi for 10 min. Circ through both chks and gas buster. Drld out shoe @ 5:30 AM. Made -8' correction to TD - csg measurement.

Mud: (gradient .650) 12.5 x 26 x 8.6 (4% oil) JUN 26 1972

6/25: 11,589/105/57/53. Drilling.

Mud: (gradient .640) 12.7 x 41 x 12.8 (3% oil)

6/26: 11,689/105/58/100. Drilling.

Mud: (gradient .640) 12.7 x 48 x 11.2 (2% oil)

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff  
14,800' Wasatch Test  
7" csg @ 11,535'

11,758/105/59/69. Circ through chk. While drlg @ 11,750 w/12.6 ppg mud, penetration rate incr from 15-17 min/ft to 8-9 min/ft for 8' (11,758). Well SI w/20 bbl pit level incr. Press stabilized @ 650 psi on DP and 1025 psi on csg after being SI 45 min. Incr mud wt to 13 ppg in pits for first circ. (Calc mud wt incr needed 1.6 ppg.)

Mud: (gradient .676) 13 x 41 x 11

JUN 27 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

11,812/105/60/54. Drilling. Incr mud wt to 13.6 ppg and balanced mud system. Resumed drlg @ 11:45 AM, drlg 17 hrs and incr mud to 13.9 ppg while drlg. No mud loss last 24 hrs. Background gas: 150 units.

Mud: (gradient .712) 13.7 x 48 x 10.0

JUN 28 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

11,876/105/61/64. Drilling. No mud loss last 24 hrs. Background gas: 50 units.

Mud: (gradient .723) 13.9 x 47 x 6.8.

JUN 29 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

11,944/105/62/68. Drilling. Circ 1/2 hr and checked drlg break @ 11,937-940. No mud loss last 24 hrs. Background gas: 44 units.

Mud: (gradient .723) 13.9 x 47 x 5.0 (1% oil)

JUN 30 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

7/1: 11,998/105/63/54. Drilling. No mud loss last  
24 hrs. Background gas: 50 units. Incr mud wt from  
13.9 to 14.2 ppg while drlg.  
Mud: (gradient .738) 14.2 x 45 x 4.8  
7/2: 12,050/105/64/52. Drilling. No mud loss last  
24 hrs. Background gas: 43 units  
Mud: (gradient .738) 14.2 x 45 x 5.0  
7/3: 12,087/105/65/39. Drilling. Had gas show @  
12,052. Gained 25 bbls mud. SI well w/no apparent  
press. Raised mud wt to 14.7 ppg. No mud loss. Back-  
ground gas: 250 units. JUL 3 1972  
Mud: (gradient .759) 14.7 x 45 x 5

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

7/4: 12,141/105/66/54. Drilling. Background gas: 210  
units.  
Mud: (gradient .759) 14.7 x 44 x 5 (1% oil)  
7/5: 12,164/105/67/23. Drilling. Background gas: 280  
units JUL 5 1972  
Mud: (gradient .780) 15 x 45 x 4.8 (1% oil)

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

12,245/105/68/81. Drilling. Background gas: 54 units.  
Connection gas: 240 units.  
Mud: (gradient .780) 15.0 x 43 x 4.6 JUL 6 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

12,318/105/69/73. Drilling.  
Mud: (.780) 15 x 43 x 4.4 (Oil 1%) JUL 7 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

7/8: 12,405/105/70/87. Drilling.  
Mud: (gradient .780) 15.0 x 41 x 4.4 (1% oil)  
7/9: 12,502/105/71/97. Drilling.  
Mud: (gradient .785) 15.1 x 41 x 4.4 (1% oil)  
7/10: 12,581/105/72/79. Drilling. Gas show @ 12,566  
(520 units). Background gas: 160 units. JUL 10 1972  
Mud: (gradient .785) 15.1 x 43 x 4.8 (1% oil)

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

13,572/105/80/147. Drilling. JUL 13 1972  
Mud: (gradient .806) 15.5 x 43 x 2.6 (1% oil)

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

12,725/105/73/144. Drilling. Background gas increased  
as follows:

<u>Interval</u>	<u>Units Gas</u>		<u>Show</u>
	<u>From</u>	<u>To</u>	
12,568-580	60	520	Oil incr on pits, good show, fair fluor.
12,610-616	66	104	Sli show, slow cut
12,628	64	800	-
12,648-656		980	Much hvy oil, 10-25% stain, 0-10% fluor

Presently carrying 120 units background gas. JUL 11 1972  
Mud: (gradient .790) 15.2 x 51 x 4.8 (1% oil)

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

12,860/105/74/135. Drilling. Background gas: 44 units.  
Mud: (gradient .806) 15.5 x 43 x 4.0 (1% oil) JUL 12 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

12,995/105/75/135. Drilling. Background gas: 26 units.  
Connection gas: 364 units. JUL 13 1972  
Mud: (gradient .806) 15.5 x 43 x 4.0 (1% oil)

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

13,106/105/76/111. Drilling. Background gas: 18 units.  
Connection gas: 480 units.  
Mud: (gradient .806) 15.5 x 44 x 3.0 (1% oil) JUL 14 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

7/15: 13,184/105/77/78. Tripping for new bit.  
Mud: (gradient .806) 15.5 x 43 x 2.8 (1% oil)  
7/16: 13,287/105/78/103. Drilling. Background  
gas: 20 units.  
Mud: (gradient .806) 15.5 x 43 x 2.8 (1% oil) JUL 17 1972  
7/17: 13,425/105/79/138. Drilling.  
Mud: (gradient .806) 15.5 x 44 x 2.6 (1% oil)

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

13,709/105/81/137. Drilling. Background gas: 20 units.  
Mud: (gradient .806) 15.5 x 42 x 2.6 (1% oil) JUL 19 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

13,855/105/82/146. Drilling. Background gas: 20 units.  
Mud: (gradient .801) 15.4 x 42 x 1.8 (1% oil)  
JUL 20 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

13,982/105/83/127. Drilling.  
Mud: (gradient .801) 15.4 x 43 x 22 (1% oil) JUL 21 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

7/22: 14,054/105/84/67. Drilling.  
Mud: (gradient .806) 15.5 x 44 x 2.4  
7/23: 14,112/105/85/58.  
Mud: (gradient .806) 15.5 x 44 x 2.6 (1% oil)  
7/24: 14,253/105/86/141. Drilling.  
Mud: (gradient .801) 15.4 x 44 x 2.4 (1% oil)  
JUL 24 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

14,386/105/87/133. Drilling.  
Mud: (gradient .806) 15.5 x 45 x 2.4 JUL 25 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

14,497/105/88/111. Drilling.  
Mud: (gradient .806) 15.5 x 44 x 2.4 JUL 26 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

14,609/105/89/112. Drilling.  
Mud: (gradient .806) 15.5 x 44 x 2.2 JUL 27 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

14,665/105/90/56. Drilling. Tripped for new bit  
@ 14,651. Circ hole 1-3/4 hrs.  
Mud: (gradient .806) 15.5+ x 43 x 2.2 JUL 28 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

7/29: 14,770/105/91/105. WO lost circ. Background  
gas: 100 units.  
Mud: (gradient .816) 15.7 x 41 x 2  
7/30: 14,778/105/92/8. Drilling. WO lost circ 4½  
hrs. Cond new mud and mixed and sptd LCM pill. Pulled  
to shoe. WO LCM pill 6 hrs. Staged in hole, breaking  
circ thru chk. Drilling w/full returns. Background  
gas: 20 units. Trip gas: 800 units. Lost 300 bbls mud.  
Mud: (gradient .806) 15.5 x 47 x 2.0  
7/31: 14,800/105/93/22. Logging. Circ 3 hrs prior  
to logging. JUL 31 1972  
Mud: 15.5 x 45 x 2.0

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

14,800/105/94/0. Pulling out of hole for logs. Staged  
to btm - no fill. Cond mud. Trip gas: 1450 units.  
Mud: (gradient .806) 15.5 x 41 x 2.0 AUG 1 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
7" csg @ 11,535'

14,800/105/95/0. Tripping. Ran logs as follows:  
BHCS-GR w/cal, CNL/FDC and DIL. Schl cut six tri-cores  
as follows: 12,314-317, 12,414-417, 12,664-667, 12,707-  
710, 12,976-979 and 13,049-052.  
Mud: (gradient .806) 15.5 x 41 x 2.0 AUG 2 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
5" liner @ 14,797'

14,800/105/96/0. Circulating 5" liner. Made wiper trip  
and circ hole clean. Ran 46 jts 5" 18# S00-95 and 40 jts  
N-80, tagging btm @ 14,800. Picked up 3' and circ and  
rotated liner. Shoe @ 14,797, Hal diff collar @ 14,676,  
top of S00-95 @ 12,979, top of N-80 @ 11,292, top of  
hanger @ 11,281. Liner lap - 242'. AUG 3 1972  
Mud: (gradient .806) 15.5 x 53 x 2.0

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
5" liner @ 14,797'

14,800/105/97/0. Circ and cond mud. Cmt 5" liner w/  
475 sx Class "G" cmt w/1% D-31 and 0.4% R-5 followed by  
120 sx Class "G" w/30% silica flour, 1.5% D-31 and 0.4%  
R-5. Slurry wt 15.9 and 15.8, respectively. Slurry vol  
123 bbls. Displaced w/147 bbls mud. Did not bump plug.  
CIP @ 12:30 PM, 8/3/72. Ran csg scraper and bit, tagging  
liner top. No cmt above liner hanger. AUG 4 1972  
Mud: (gradient .806) 15.5 x 53 x 2.0

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
5" liner @ 14,797'

8/5: 14,800/105/98/0. Laying down pkr and picking up 2-7/8" DP. Pulled bit and scraper. Ran Johnston Posi-trieve pkr to 40' above liner top and press tested lap w/1800 psi for 15 min. No press loss. Tested 7" csg above pkr w/1800 psi for 15 min, OK. Opened bypass on pkr and pmpd 74 bbls wtr into DP, displaced to 10,000'. Closed bypass and bled off 3700 psi differential press. Held for 30 min - no flow. Set pkr as follows and tested:

Depth	Press in annulus
9000	2700
6000	3700
3000	4700
1000	5600

Press held for 15 min.

9-5/8" x 7" csg annulus full.

Mud: (gradient .806) 15.5 x 53 x 2

8/6: 14,800/105/99/0. Drlg cmt. Ran 2-7/8" DP and mill w/scraper to CO 5" liner. Had some cmt in top of liner w/cmt progressively getting harder to drill. Presently drlg hd cmt @ 14,175.

Mud: (gradient .806) 15.5 x 44 x 2.6

8/7: 14,800/105/100/0. Drlg cmt out of 5" liner.

Presently drlg @ 14,615'.

AUG 7 1972

Mud: (gradient .806) 15.5 x 47 x 4

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
5" liner @ 14,797'

14,800/105/101/0. Prep to release rig. Drld out to 14,797. AUG 8 1972

Shell-Lotridge  
Gates 1-3B3  
(D) Brinkerhoff #47  
14,800' Wasatch Test  
5" liner @ 14,797'

14,800/105/102/0. Removing BOP's and installing WH eqmt. Pulled wear sleeve. Ran 5 1/2" donut w/BP valve, landing in AP spool. Plan to release rig this afternoon.  
AUG 9 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

14,800/105/103/0. PBTD 14,770. RDRT. Installed WH eqmt. Released rig @ 6 PM, 8/9/72. (RDUFA.) AUG 10 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. (RRD 8/10/72)

8/20: Running tbg. MI&RU Western Oilwell Service. Unloaded tbg, removed Xmas tree. Installed 10" BOP and tested to 5000 psi, OK. Started picking up pipe off rack, installing collars and doping w/Baker seals. Ran 3600' tbg, 7" scraper and 5000' tbg.

8/21: Logging. Ran tbg to 14,778. Displaced 15.5 ppg mud w/FW. Sptd 55 bbls 2% NaCl on btm. Laid down 120 jts tbg. RU McC. Press tested lubricators to 3000 psi. Ran CBL, VDL and PCD logs. AUG 21 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. Running prod eqmt. Ran CBL and PDC logs from 14,768-9500 w/3000 psi. VDL log did not take. Ran Baker Model "D" and set @ 11,000'. RD McC. RU csg crew. Ran 5½" 14# csg heat string (140 jts) w/tail to 4488'. Packed off and installed BP valve, removed BOP, installed tbg spool and BOP. Changed rams to 2-7/8". Pulled BP valve. Started running prod eqmt. AUG 22 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. RD compl rig. Ran prod eqmt as follows: Baker Model "C" expendable plug holder w/Model "B" push-out plug in place, 10' x 2-7/8" 10rd N-80 nonperf'd prod tube, Baker seal assembly, Baker Model "EL" on-off connector w/Otis 2.313" "N" nipple w/2.255" no-go, 3 jts tbg, Camco KBM-G mandrel w/dummy in place, 174 jts 2-7/8" tbg, Camco KBM-G mandrel w/dummy in place, 175 jts tbg, 10' sub and 1 jt tbg. (Total of 353 jts 2-7/8" N-80 EUE 8rd tbg in hole.) Btm mandrel @ 10,905 and top mandrel @ 5480. Tested tbg to 7500 psi. All tbg collars doped w/Baker seal thread lube w/Teflon. Circ annulus w/treated wtr. Displaced tbg w/2% SW. Installed 10,000 psi Xmas tree and tested 10,500 psi. Released rig @ 1 AM, 8/23. AUG 23 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. (RDUFA.) AUG 24 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner at 14,797'

TD 14,800. Perforating. (RRD 8-24-72) MI & RU Archer-Reed WL Service 9-20-72. Knocked out tbg plug. RD Archer-Reed. RU CWP and perf'd the following depths w/undirectional magnetically decentralized steel tube carrier gun w/1 hole each: 14,748, 14,687, 14,677, 14,644, 14,621, 14,600, 14,578, 14,532, 14,508, 14,484, 14,452, 14,439, 14,416 and 14,382 w/press from 980 to 900 psi, to vac w/gun in lubricator. SEP 1 1972



Shell-Lotridge  
Gates 1-3B3

TD 14,800. Prep to flow back. TP 5300 AM 9-22.  
9-21 Finished perf'g. Perf'd 14,371, 14,361, 14,349,  
14,256, 14,234, 14,182, 14,152, 14,130, 14,119, 14,082,  
13,938, 13,927, press from 1160 to 1070. Perf'd  
13,889, 13,802, 13,738, 13,730, 13,682, 13,507, 13,442,  
13,411, 13,333, 13,297, 13,270, press from 1130 to 1100  
psi. RD OWP. RU BJ. Acid trtd gross perfs 13,270-  
14,748 w/20,000 gal 15% HCl. Distributed 40 7/8" ball  
sealers (1.4 gv) throughout acid. Each 1,000 gal  
contained 20# G-5, 3 gal C-15, 3# G-7 and 3 gal J-20.  
Flushed w/5800 gal fresh wtr. Each 1,000 gal contained  
165# NaCl and 20# G-5. Max press - 10,000, avg - 9500,  
min - 8400. Max rate - 8.5 B/M, avg - 4.25 B/M, min -  
1/2 B/M. ISIP 6200 to 6100 in 5 min, to 6000 in 10  
min, to 6000 in 15 min. Max HP - 2000, avg - 900.  
Breaks of 100, 1000 and 2400 psi; total of three good  
breaks. SD three times and let acid soak. One time  
w/192 bbls in formation, 415 bbls in formation, and 462  
bbls in formation. SD and flowed back two times; one  
time w/527 bbls in and 592 bbls in. After last flowback,  
displaced last 100 bbls flush at 7 B/M. SEP 22 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner at 14,797'

TD 14,800.  
9/23: RU Nowsco. Flowed 10 BO and 172 BW w/show of gas  
in 17 hrs. First 5 hrs, flowed on 64/64" chk - flowed  
70 BW; 6th hr flowed acid gas and 30 BW; between 6th and  
11th hrs flowed small amt of gas; 11th hr, flowed 67 BW  
and 8 BO; 12th through 16th hrs flowed small amt of gas;  
17th hr, flowed 5 BW and 2 BO.  
9/24: RU Nowsco w/3/4" tbg unit. Ran to following depths  
and flowed tbg dry at 5,000, 7000, 9000, and 11,000. <sup>FLOWED</sup> Approx  
65 BW and trc oil. Inj 350 CF nitrogen/min for 1 hr after  
cleaning tbg at 11,000'. Rec'd approx 7 BW and trc oil.  
Rec'd total of 244 BLW, 370 bbls to rec. Load overnight -  
rec'd small amt of gas.  
9/25: SI for BHP. Backed well down w/diesel. Pmpd 17  
bbls, filling tbg. Pmpd 27 bbls w/press from 0 to 4800  
psi. Ran BHP. SEP 25 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner at 14,797'

TD 14,800. SI for BHP. SEP 26 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner at 14,797'

TD 14,800. SI BHP. SEP 27 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. SI for BHP. SEP 20 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. SI for BHP. SEP 20 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. SI. Pulled BHP bomb. (RDUFA) OCT 2 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. (RRD 10/2/72).  
10/7: SITP 5300 psi. Opened well to pit @ 11:30 AM,  
10/6. Flowed diesel. no gas or oil. FTP dropped to zero  
in 20 min while flowing an est 1/2 B/M. Flowed off all  
diesel and est 15 BO. Well died. SI overnight.  
10/8: 16-hr SITP 2600 psi. Opened well to pit. Well  
flowed 8-10 bbls in 1 1/2 hrs and died. Backed well down  
w/diesel using B-J Service. Max press 6700 psi @ 2 B/M  
rate. Displaced w/38 bbls diesel. Est prod capability  
of well: 15 B/D. (RDUFA) OCT 9 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. (RRD 10/9/72). Prep to perf. NOV 20 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. SI, prep to acdz. RU Schl and perf'd  
1 hole at the following intervals w/2" undirectional  
magnetic decentralized 2" steel tube carrier gun w/  
Hyperjet charges: 1st run: 11,573, 11,588, 11,599,  
11,608, 11,615, 11,750, 11,786, 11,932, 11,999, 12,042,  
12,065, 12,130, 12,145. Press from 4490 to 4400 psi.  
2nd run: 12,151, 12,164, 12,172, 12,280, 12,302, 12,314,  
12,334, 12,359, 12,409, 12,455, 12,468, 12,478, 12,567,  
12,622. Press from 4750 to 4740 psi. 3rd run: 12,640,  
12,668, 12,694, 12,708, 12,781, 12,791, 12,828, 12,868,  
12,883, 12,916, 12,933, 12,978, 13,000, 13,046, 13,054,  
13,201. Press from 4550 to 4525. All depths refer to  
CNL/FDC log dated 7/31/72. RD Schl and prep to AT.

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner at 14,797'

TD 14,800. SI; prep to acidize. DEC 1 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800.

12/2: Prep to flow to pit to clean up. Acidized gross perfs 11,573-14,748 w/50,000 gal 15% HCl. Distributed ninety-seven 7/8" ball sealers w/1.4 gravity throughout acid. Each 1000 gal acid contained 20# G-5, 3 gal C-15, 3# G-7 and 3 gal J-22. Flushed w/5800 gal FW. Each 1000 gal wtr contained 165# NaCl and 20# G-5. Max press 9700 psi, avg 8600 psi, min 5600 psi. Max rate 12.5 B/M, avg 11.3 B/M, min 7 B/M. ISIP 5800 psi, decr to 5600 psi in 5 min, to 5400 psi in 10 min, to 5200 psi in 15 min, to 5000 psi in 20 min. With 650 bbls pmpd, swab valve started leaking on tree. TP 9700 psi. SD to repair leak. Pmpd remainder of acid and balls. Max HP 2800, avg 2400. Good ball action from 50-500 psi.

12/3: SI for BHP. Flowed to pit 5 hrs, flowing est of 1200 BO and rate of 7 MMCF gas/day, on 64/64" chk w/ 2400-1800 psi TP. Flowed est 250 BO last hr on 64/64" chk w/1800 psi TP. Chks and press's as follows:

Choke	FTP	Choke	FTP
54/64"	1900	24/64"	3100
44/64"	2000	14/64"	3900
34/64"	2200	4/64"	4400

SITP 4600 psi. Ran BHP to 13,000'. TP 4800 psi @ 3 PM. Will pull bomb @ 1 PM, 12/5/72. DEC 4 1972

12/4: SI for BHP.

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. SI for BHP. DEC 5 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. SI. Pulled BHP bomb on 12/5. SI press after 59½ hrs 8836 psi and after 69½ hrs 8841. TP 5200 psi. DEC 4 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. SI. DEC 7 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner at 14,797'

TD 14,800. SI. DEC 8 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. SI. DEC 11 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. Flowing. On 17-hr test, flowed 737 BO,  
102 BW and 1463 MCF gas on 12/64" chk w/4200 psi FTP and  
140 psi CP. DEC 12 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. Flowing. On 24-hr test, flowed 999 BO, 14 BW  
and 1488 MCF gas on 12/64" chk w/4000 psi FTP and 140 psi  
CP. DEC 13 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner @ 14,797'

TD 14,800. Flowing. On 24-hr test, well flowed 1296  
BO, 132 BW and 1668 MCF gas on 12/64" chk w/4000 psi  
FTP and 50 psi CP. DEC 14 1972

Shell-Lotridge  
Gates 1-3B3  
(D)  
14,800' Wasatch Test  
5" liner at 14,797'

TD 14,800. Flowing. On 24-hr test, well flowed 1064  
BO, 13 BW and 1590 MCF on 12/64" chk w/3700 psi FTP and  
80 CP. DEC 15 1972

# CASING AND CEMENTING

FIELD ALTAMONT WELL L. GATES 1-3B3 KB TO CHF 13' (3' below GL)

Shoe jt started in hole 2 AM 4-7-72

Ran 6 jts 68# K-55 ST&C 13 3/8" casing to 237'

<u>JTS</u>	<u>WT</u>	<u>GRADE</u>	<u>ST&amp;C</u>	<u>NEW</u>	<u>FEET</u>	<u>FROM</u>	<u>TO</u>
5	68#	K-55	X	X	199.49	0	195.88
		HOWCO Insert Fill Collar					195.88
1	68#	K-55	X	X	40.12	195.88	236.00
		HOWCO Guide Shoe			1.00	236.00	237.00

6 jts (240.67') Total

(Shoe and 2 jts threadlocked)

HOWCO Insert Float Collar at 196

HOWCO Guide Shoe at 237

## No., Make and Type

4 centralizers spaced 6' from shoe, then each collar up.

## Cementing

Broke circ w/100 psi. Reciprocated and circ 30 min. With 5 bbls water ahead, cemented through shoe at 237' w/400 sx Class "G" cement, 3% CaCl<sub>2</sub>. Wt. - 15.8-16.1#/gal. Displaced w/30 BW. Mixing complete in 25 min. Plug down 4:35 AM w/1500 psi. Bled back 1½ bbls. Float held ok.

BOB S. HORN

# CASING AND CEMENTING

FIELD ALTAMONT WELL L. GATES 1-3B3 KB TO CHF 13'

Shoe jt started in hole 5:30 AM 4-29-72

Ran 141 jts 9 5/8" 40# K-55 ST&C csg to 6250'

<u>JTS</u>	<u>WT</u>	<u>GRADE</u>	<u>ST&amp;C</u>	<u>NEW</u>	<u>FEET</u>	<u>FROM</u>	<u>TO</u>
141	40#	K-55	X	X	6250	SFC	6250

141 jts Total

Float collar at 6202

Guideshoe at 6250

## No., Make and Type

3 centralizers 6' above shoe, 1 jt above float collar and 3 jts above float collar

## Cementing

Dowell cemented w/250 sx 1:1 poz, 2% gel, followed by 400 sx Class "G", 2% salt. Preceded by 15 BW and followed by 15 BW. Used top and bottom plug. Displaced w/458 bbls water. Bumped plug w/1100 psi, float held. Partial mud returns throughout cmtg. Cmt in place 1:30 PM. After four hrs, pumped 300 sx Class "G", 3% CaCl<sub>2</sub> on annulus. No pressure.

D. P. MORNEAU



**Cementing Procedure (around shoe) (cross out where necessary)**

Circulated \_\_\_\_\_ minutes, pumped in \_\_\_\_\_ (cu. ft.), (barrels) 10  
\_\_\_\_\_ water \_\_\_\_\_ prewash, used bottom plug (yes, no), mixed cement (1) above \_\_\_\_\_  
minutes, cement (2) above \_\_\_\_\_ minutes, top plug (yes, no) displaced with  
\_\_\_\_\_ 436 (cu. ft.), (barrels) in 54 minutes at rate of 8 BPM, ~~CFM~~  
(Bumped plug) ~~(Did not bump plug)~~. Final Pressure 2,000. Reciprocated  
pipe 0 feet while (mixing) and (displacing) cement. Displacing time 54  
minutes. Had \_\_\_\_\_ partial circulation (full, partial,  
none, etc.). Completed job at \_\_\_\_\_ a.m., p.m.

**Cementing Procedure (through DV at \_\_\_\_\_ feet) (cross out where necessary)**

Opened DV at \_\_\_\_\_ a.m., p.m., circulated \_\_\_\_\_ minutes, pumped in  
\_\_\_\_\_ (cu. ft.), (barrels) \_\_\_\_\_ prewash, mixed cement (3) above  
\_\_\_\_\_ minutes, cement (4) above \_\_\_\_\_ minutes, dropped closing plug, dis-  
placed with \_\_\_\_\_ (cu. ft.), (barrels) in \_\_\_\_\_ minutes at rate of \_\_\_\_\_  
\_\_\_\_\_ BPM, CFM. (Bumped plug) (Did not bump plug). Final Pressure \_\_\_\_\_  
Displacing time \_\_\_\_\_ minutes. Had \_\_\_\_\_ circulation  
(full, partial, none, etc.)

**Remarks (Third Stage Job, etc.)**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

P. D. WHITE

Foreman



FIELD ALTAMONT  
BLUEBELL

DATE: JUNE 22 1972

LEASE & WELL NO. GATES 1-3133

TALLY FOR 7" CASING

SUMMARY OF PAGE MEASUREMENTS			
	NO. OF JOINTS	FEET	.00'S
PAGE 1	50	2149	14
PAGE 2	40	1745	43
PAGE 3	40	1746	99
PAGE 4	50	2172	56
PAGE 5	50	2160	53
PAGE 6	43	1852	31
PAGE 7			
PAGE 8			
PAGE 9			
TOTAL			

SUMMARY OF DEPTH CALCULATIONS				
		NO. OF JOINTS	FOOTAGE	
			FEET	.00'S
1	TOTAL CASING ON RACKS	273	11,827	56
2	LESS CASING OUT (JTS NOS.	6	263	20
3	TOTAL (1 - 2)		11,564	36
4	SHOE LENGTH		2	00
5	FLOAT LENGTH		2	00
6	MISCELLANEOUS EQUIPMENT LENGTH		—	—
7	TOTAL CASING AND EQUIPMENT FROM CEMENT HEAD (3 + 4 + 5 + 6)		11,568	36
8	LESS WELL DEPTH		11,537	18
9	"UP" ON LANDING JOINT		31	18

[illegible]

# CASING AND CEMENTING

FIELD ALTAMONT WELL L. GATES 1-3B3 KB TO CHF 19.25'

Shoe jt started in hole 8-3-72

Ran 86 jts 5" SFJP liner to 14,797'

<u>JTS</u>	<u>WT</u>	<u>GRADE</u>	<u>SFJP</u>	<u>NEW</u>	<u>FEET</u>	<u>FROM</u>	<u>TO</u>
46	18#	S00-95	X	X	1852.84	14,797	12,979
40	18#	N-80	X	X	1728.76	12,979	11,292

86 jts (3581.60') Total

Halliburton collar at 14,676

Halliburton shoe at 14,797

## No., Make and Type

2 centralizers spaced 6' from shoe and 40' apart

## Cementing

Reciprocated and circ 3 hrs. With 10 bbls water ahead, cemented through shoe at 14,797' with 475 sx Class "G", 1% D-31, and .4% R-5 followed by 120 sx Class "G", 30% silica flour, 1.5% D-31, and .4% R-5. Wt - 15.9-15.8#/gal. Mixing complete in 35 min. Press - Max 4000. Slurry volume - 123 bbls. Displaced w/147 bbls mud. Did not bump plug. CIP 12:30 PM 8-3-72.

P. D. WHITE

## DRILLING WELL PROGNOSIS

WELL NAME Shell-Lotridge-Gates 1-3B3  
 TYPE WELL Development  
 FIELD/AREA Altamont

APPROX. LOCATION (SUBJECT TO SURVEY) NE $\frac{1}{4}$  Section 3-T2S-R3W Duchesne County, Utah

EST. G. L. ELEVATION 6,000 PROJECTED TD 14,800 OBJECTIVE Wasatch

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
		Conductor set by backhoe		20'	SAMPLES: 30' 300'-7,000' 10' 7,000'-TD
17 $\frac{1}{2}$	13 3/8		1°	300'	CORES: -0-
12 $\frac{1}{4}$	9 5/8 to sfc	Sonic GR Thru Csg		TGR-1 5770 (+250) 6250'	DST'S: -0-
8 3/4	7" to sfc	BHC/Sonic/GR/Cal DIL CNL 7000 2 man mud logging unit	4°	TGR-3 9420 (-3400) Transition Top 10,995 (-4975) No Red Beds Expected 11,750	DEVIATION CONTROL Dogleg severity to be less than 1 $\frac{1}{2}$ ° per any 100' interval
6 1/8	5" (hung)		8°	Lake Facies Top 11,795 (-5775)	CEMENT See casing prognosis
			10°	TD 14,800	MUD 0-9000' water 9000'-11,000' water/gel 11,000-13,800' gel/chemical weighted as required

MAR 30 1972

ORIGINATOR: LAP DATE 3/28/72

ENGINEERING APPROVAL: [Signature]

PETROLEUM: [Signature]

OPERATIONS: [Signature]

OPERATIONS APPROVAL:

[Signature] for V.E.F.  
DIV. DRILLING SUPT.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 965' FNL and 750' FEL Section 3		8. FARM OR LEASE NAME Lotridge-Gates
14. PERMIT NO. 43-013-30117		9. WELL NO. 1-3B3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5993 GL, 6011 KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4 NE/4 Lot 1 Section 3-T2S-R3W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT & ACIDIZE ☒REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

As per attached prognosis

cc: U. S. Geological Survey - Salt Lake City (for information) - w/Attachment

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE 4-19-74

BY C. B. Taylor

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Division Operations Engr.

DATE

9/17/74

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE


CONDITIONS OF APPROVAL, IF ANY:

REPERFORATION AND STIMULATION PROGNOSIS  
LOTHRIDGE - GATES 1-3B3  
SECTION 3 - T2S - R3W  
DUCHESNE COUNTY, UTAH

3

4. Open well and clean-up at maximum rate of 1" choke if possible; record flowing pressures and any shut-in pressures. Keep record of load and ball sealer recovery.
5. Put well on production.

  
B. L. Faulk

 RIH  
RIH:cyf  
8/27/74

DIV. O.E. 

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

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1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented	
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  965' FNL and 750' FEL Section 3		8. FARM OR LEASE NAME Lotridge Bates	
14. PERMIT NO. 43-013-30117		9. WELL NO. 1-3B3	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5993 GL, 6011 KB		10. FIELD AND POOL, OR WILDCAT Altamont	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4 NE/4 Lot 1 Section 3-T2S-R3W	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		12. COUNTY OR PARISH Duchesne	
		13. STATE Utah	

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Acidize to remove scale <input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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As per attached prognosis of preparatory work to remove scale prior to reperf'g and acidz'g (RP&AT Sundry notice approved 9/19/74)

cc: U.S. Geological Survey - Salt Lake City (for information) - w/Attachment

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE 10/4/74  
BY *[Signature]*

18. I hereby certify that the foregoing is true and correct

SIGNED *[Signature]*

TITLE Division Operations Engr.

DATE 10/4/74

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

SCALE CLEANOUT PROGNOSIS  
LOTHRIDGE-GATES 1-3B3  
DUCHESNE COUNTY, UTAH

PERTINENT DATA:

ELEV: 5993' GL.  
KB-GL: 18'  
PBSD: 14,788'

AFE: 412167 - 1017 cec.  
SHELL'S W.I.: 100%

PRESENT STATUS:

Shut-In. On 9/27/74 an attempt was made to run sinker bars. Sinker bars would not go below 12,540' due to suspected scale build-up in casing.

PROPOSED WORK:

Clean-out scale to PBSD in preparation for reperforation and stimulation job.

PROCEDURE:

1. Cut wax.
2. Pump 3000 gal 15% HCl containing the following additives per 1000 gal: 3 gal G-10, 3 gal C-15, 3 gal J-22, 30# OS-160 Wide Range Unibeads, 30# OS-160 Button Unibeads. Disperse 80, 7/8" RCN Ball Sealers (S.G. 1.24) evenly throughout the acid. Flush with 4500 gal fresh water containing 1245 lb. NaCl and 3 gal G-10 per 1000 gal.
3. Run sinker bars to 14,750+'. If sinker bars go to 13,750' put well on production at highest possible rate. Consult w/Division before continuing w/reperforation and stimulation prognosis.
4. *DISCUSS WITH SUPT BEFORE TRYING THIS STEP!*  
If sinker bars will not reach 13,750', rig up Newsco 1" coiled tubing unit. While circulating non-heated lease produced water ( $\frac{1}{4}$  to  $\frac{1}{2}$  BPM) run CT to 11,573±'. Begin pumping 15% HCl containing 3 gal G-10, 3 gal C-15 and 3 gal J-22 per 1000 gal (total acid vol. will be approximately 1900 gal). Lower CT at 50 FPM while pumping at  $\frac{1}{2}$  BPM. Run CT to 13,750±'. Start pulling CT back up hole at 50 FPM while circulating acid at  $\frac{1}{2}$  BPM. When CT is back up to 11,573±' begin pumping produced water at  $\frac{1}{4}$  to  $\frac{1}{2}$  BPM and circulate CT out of hole. Shut in well for 1 hr.
5. Run sinker bars to 14,750+'. Open well to pit. Flow at maximum possible rate. Consult w/Division before continuing w/reperforation and stimulation prognosis.

RIH:sy  
9/30/74

DIV. O.E.

*B. L. Faulk*  
B. L. Faulk

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

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14. PERMIT NO. 43-013-30117		9. WELL NO. 1-3B3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5993 GL, 6011 KB		10. FIELD AND POOL, OR WILDCAT Altamont
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		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐

PULL OR ALTER CASING

☐

FRACTURE TREAT

☐

MULTIPLE COMPLETE

☐

SHOOT OR ACIDIZE

☐

ABANDON\*

☐

REPAIR WELL

☐

CHANGE PLANS

☐

(Other)

☐

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

REPAIRING WELL

☐

FRACTURE TREATMENT

☐

ALTERING CASING

☐

SHOOTING OR ACIDIZING

☒

ABANDONMENT\*

☐

(Other)

☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

As per attached report

18. I hereby certify that the foregoing is true and correct

SIGNED

*T.S. Mize*

TITLE Division Operations Engr.

DATE 12/12/74

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS - Salt Lake City - w/attachment (for information)

\*See Instructions on Reverse Side



REPERFORATE AND ACIDIZE

ALTAMONT

SHELL OIL COMPANY

LEASE	LOTRIDGE GATES	WELL NO.	1-3B3
DIVISION	WESTERN	ELEV	5993 GL. 6011 RB
COUNTY	LOCUST	STATE	UTAH
LOCATION	NE/4 NE/4 SECTION 3-T2S-R3W		

10/7/74 - 11/18/74

UTAH

ALTAMONT

Shell-Lotridge Gates 1-3B3 "FR" TD 14,800. PB 14,788. AFE #412167 provides (RP&AT)

to RP&AT.  
 10/5: Prep to RU slick line. MI&RU B-J on 10/4/74. AT gross perms 11,573-14,748 w/3000 gal 15% HCl w/each 1000 gal containing the following: 3 gal G-10, 3 gal C-15, 3 gal J-22, 30# OS-160 Wide Range Unibeads and 30# OS-160 Button Unibeads. Dispersed 80- 7/8" RCN ball sealers w/1.24 gr throughout acid. Flushed w/4500 gal lse SW. Max press 5200 psi, avg 5100 psi, min 3300 psi. Max rate 5 B/M, avg 1.8 B/M, min 0.5 B/M. ISIP 4200 psi decr to 3500 psi in 5 min to 3400 psi in 10 min to 2600 psi in 20 min. With 12 bbls acid on fm, had 2000 psi break and w/acid on fm had 400 psi break.

10/6: Flowing. RU slick line and ran to 9516 - could not go deeper. Ran impression block twice - no impression. RD slick line and turned well to tank battery.

10/7: Flowing. On 24-hr test, flwd 755 BO, 380 BW and 841 MCF gas w/40/64" chk w/500 psi FTP.

OCT - 7 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. On 24-hr test, flwd (RP&AT) 653 BO, 143 BW and 935 MCF gas through 40/64" chk w/450 psi FTP.

OCT - 8 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. On 24-hr test, flwd (RP&AT) 604 BO, and 704 MCF gas (wtr meter broken) through 40/64" chk w/380 psi FTP.

OCT - 9 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. On 24-hr test, flwd (RP&AT) 494 BO, 164 BW and 454 MCF gas through 40/64" chk w/ 400 psi TP.

OCT 10 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. On 24-hr test, flwd (RP&AT) 489 BO, 183 BW and 506 MCF gas through 50/64" chk w/350 psi FTP.

OCT 11 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. On 24-hr tests, (RP&AT) flwd as follows:

Rpt Date	BO	BW	MCF Gas	Chk	FTP
10/12	423	152	423	40/64"	325
10/13	298	104	288	18/64"	500
10/14	391	131	374	24/64"	400

OCT 14 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. On 24-hr test, flwd (RP&AT) 333 BO, 144 BW and 340 MCF gas through 24/64" chk w/ 400 psi FTP.

OCT 15 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. On 4-hr test, flwd (RP&AT) 72 BO, 30 BW and 18 MCF gas. RU hot oil truck and circ blk oil out of 7" x 5-1/2" annulus. Press tested to 3500 psi for 10 min losing 600 psi. RD hot oil truck. RU Newsco coiled tbg unit and BJ. Ran 1" coiled tbg to 11,573 and started pmpg 15% HCl acid at 1/2 B/M. Ran to 12,850 hitting tight spot at 13,000 - free to 13,750. Pulled coiled tbg unit to 11,573 and pmpd total of 2000 gal acid. Started pmpg prod wtr, pmpg wtr until coiled tbg at sfc. Let set 1 hr and flwd to pit. Turned to tank battery. RD BJ and Newsco. OCT 16 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. On 17-hr test, flwd (RP&AT) 175 BO, 32 BW and 168 MCF gas through 16/64" chk w/2300 psi FTP. OCT 17 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. On 24-hr test, flwd (RP&AT) 360 BO, 63 BW and 411 MCF gas through 16/64" chk w/1950 psi FTP. OCT 18 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. On various tests, (RP&AT) flowed as follows:

Rpt Date	Hrs	BO	BW	MCF Gas	Chk	FTP
10/19	24	403	225	312	16/64"	1050
10/20	5	56	58	62	16/64"	1100
10/21				No Report		

OCT 21 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Prep to acidize. RU OWP and (RP&AT) perf'd as follows: Run No. 1 perf'd 13,055, 13,053, 13,047, 13,001, 12,980, 12,979, 12,977, 12,976, 12,934, 12,915, 12,882, 12,881, 12,869, 12,867, 12,866, 12,827, 12,795, 12,794, 12,793, 12,792, 12,790, 12,789, 12,788, 12,787, 12,786, 12,785, 12,784, 12,783, 12,782, 12,696, 12,695, 12,670, 12,669, 12,667, 12,666, 12,665, 12,642, 12,641, press 2310-2290 psi. Run No. 2, perf'd 12,623, 12,568, 12,479, 12,467, 12,466, 12,457, 12,456, 12,413, 12,412, 12,411, 12,410, 12,359, 12,335, 12,317, 12,316, 12,315, 12,313, 12,304, 12,303, 12,301, 12,300, 12,279, 12,174, 12,173, 12,165, 12,152, 12,150, 12,149, 12,148, 12,147, 12,144, 12,129, 12,064, 12,044, 12,043, 11,999, 11,934, 11,933, press 2470 psi. Run No. 3 perf'd 11,931, 11,789, 11,788, 11,787, 11,751, 11,749, 11,617, 11,616, 11,614, 11,612, 11,601, 11,600, 11,589, 11,587, 11,574, 11,572, 11,571, press 2450 psi.

OCT 22 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Changing out 10,000# x-mas tree to 5,000#. Prep to flow. MI&RU BJ, AT gross perfs from 11,571-13,055 w/36,960 gal 15% HCl. Each 1000 gal contained 3 gal G-10, 3 gal C-15, 3 gal J-22, 30# OS-160 wide range 30# OS-160 button Unibeads. Last 10 bbls acid did not contain Unibeads. Flushed w/5960 gal lease produced wtr, each 1000 gal contained 3 gal G-10. Pumped acid as follows: pumped 5 bbls acid, dropped 2 7/8 RCN ball sealers 1.24 gr., pumped 5 bbls acid, repeated 2 ball sealers and 5 bbls of acid 172 times. Pumped 10 bbls acid followed by flush. Instant SI press 5200-4400 in 5 min, 4200 in 10 min, 4000 in 15 min, 3800 in 20 min. Max press 9000 psi, avg 8000 psi, min 5200 psi. Max bbls/min 10-1/2, avg 7-1/2, min 7. After 530 bbls acid pumped and 178 ball sealers on formation several buildups and breaks from 100-400 lbs.

OCT 23 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. Tbg press 3800 psi. Opened to pit on 1" chk for 2 hrs, tbg press 300 psi. Flow estimated at 75 BO, 110 BW, 800 GOR. SI 1 hr, tbg press 1650 psi. Opened to tank battery on 16/64" chk, tbg press 1450 psi.

OCT 24 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. On 20-hr test flowed 268 BO, 514 BW and 252 MCF gas through 16/64" chk w/ 1050 psi FTP.

OCT 25 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. On 24-hr tests, flowed as follows:

Rpt Date	BO	BW	MCF Gas	Chk	FTP
10/26	433	625	349	20/64"	850
10/27	486	555	532	20/64"	850
10/28	521	492	510	20/64"	800

OCT 28 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. On 24-hr test, flwd 438 BO, 473 BW and 434 MCF gas through 20/64" chk w/ 1500 psi FTP.

OCT 29 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. SI. On 19-hr test, flwd 126 BO, 344 BW and 289 MCF gas w/1500 psi FTP, chk size not reported.

OCT 30 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. On 24-hr test, flwd no oil, 179 BW and 211 MCF gas through 12/64" chk w/1050 psi FTP. (Treater trouble)

OCT 31 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Flowing. On 24-hr test, flwd 267 BO, 66 BW and 287 MCF gas through 16/64" chk w/900 psi FTP.

NOV 1 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. SI.  
(RP&AT) 11/2: On 24-hr test, flwd 250 BO, no wtr and 447 MCF  
gas through 18/64" chk w/900 psi FTP.  
11/3: SI, no production. NOV 4 1974  
11/4: SI, no production.

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. SI. NOV 5 1974  
(RP&AT)

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. SI. (Reports discontinued NOV 6 1974  
(RP&AT) until well back on production.)

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. (RRD 11/6/74). Flowing. On  
(RP&AT) 20-hr test, flwd 238 BO and 289 MCF gas through 10/64"  
chk w/1800 psi FTP. Water meter broken. NOV 15 1974

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. REPERFORATION AND ACID TREATMENT  
(RP&AT) COMPLETE. On 24-hr test 9/11/74, prior to work, flwd  
195 BO, 61 BW and 336 MCF gas through 18/64" chk w/250  
psi FTP from Wasatch perfs 11,573-13,201 and 13,270-14,748  
(80 perfs). On 24-hr test 11/16/74, after reperforating  
and acidizing, flwd 276 BO, 223 BW and 378 MCF gas through  
10/64" chk w/1700 psi FTP from Wasatch perfs 11,571-13,201  
and 13,270-14,748 (172 perfs). NOV 18 1974  
FINAL REPORT.

REPERFORATION AND STIMULATION PROGNOSIS  
LOTHRIDGE - GATES 1-3B3  
DUCHESNE COUNTY, UTAH

PERTINENT DATA:

ELEV: 5993' G.L.  
KB-GL: 18'  
PBSD: 14,788'

SHELL'S W.I.: 100%  
AFE: 412167

PRESENT STATUS:

Last test on 9/6/74 well flowed 226 BO + 72 BW + 300 MCF gas with a 200 psi FTP. Perforated at the following depths (depths refer to CNL dated 7/31/72).

11,573	12,065	12,359	12,708	13,046	13,730	14,182	14,484
11,588	12,130	12,409	12,781	13,054	13,738	14,234	14,508
11,599	12,145	12,455	12,791	13,201	13,802	14,256	14,532
11,608	12,151	12,468	12,828	13,270	13,889	14,349	14,578
11,615	12,164	12,478	12,868	13,297	13,927	14,361	14,600
11,750	12,172	12,567	12,883	13,333	13,938	14,371	14,621
11,786	12,280	12,622	12,916	13,411	14,082	14,382	14,644
11,932	12,302	12,640	12,938	13,442	14,119	14,416	14,677
11,999	12,314	12,668	12,978	13,507	14,130	14,439	14,687
12,042	12,334	12,694	13,000	13,682	14,152	14,452	14,748

Total of 80 perforations.

PROPOSED WORK:

Reperforate existing zones to a shot density of one hole per foot of pay and stimulate with 36,960 gal 15% HCl.

PROCEDURE:

1. Change out 5000# tree to 10,000# tree.
2. Cut wax.
3. Perforate one hole at each of the following depths: (Depths refer to CNL dated 7/31/72).

11,571	11,751	12,144	12,303	12,456	12,669	12,790	12,934
11,572	11,787	12,147	12,304	12,457	12,670	12,792	12,976
11,574	11,788	12,148	12,313	12,466	12,695	12,793	12,977
11,587	11,789	12,149	12,315	12,467	12,696	12,794	12,979
11,589	11,931	12,150	12,316	12,479	12,782	12,795	12,980
11,600	11,933	12,152	12,317	12,568	12,783	12,827	13,001
11,601	11,934	12,165	12,335	12,623	12,784	12,866	13,047
11,612	11,999	12,173	12,359	12,641	12,785	12,867	13,053
11,614	12,043	12,174	12,410	12,642	12,786	12,869	13,055
11,616	12,044	12,279	12,411	12,665	12,787	12,881	
11,617	12,064	12,300	12,412	12,666	12,788	12,882	
11,749	12,129	12,301	12,413	12,667	12,789	12,915	

Additional 93 perfs for a total of 173 holes.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/> <b>2. NAME OF OPERATOR</b> Shell Oil Company <b>3. ADDRESS OF OPERATOR</b> 1700 Broadway, Denver, Colorado 80290 <b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  965' FNL and 750' FEL Section 3  <b>14. PERMIT NO.</b> 43-013-30117		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> Patented <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>  <b>7. UNIT AGREEMENT NAME</b>  <b>8. FARM OR LEASE NAME</b> Lotridge Gates <b>9. WELL NO.</b> 1-3B3 <b>10. FIELD AND POOL, OR WILDCAT</b> Altamont <b>11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA</b> NE/4 NE/4 Lot 1 Section 3-T2S-R3W <b>12. COUNTY OR PARISH</b> Duchesne <b>13. STATE</b> Utah
<b>15. ELEVATIONS</b> (Show whether DF, RT, OR, etc.) 5993 GL, 6011 KB		

**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

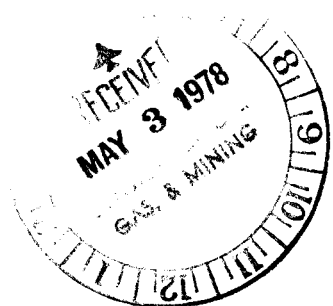
**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See Attachment

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: May 3 1978

BY: [Signature]



**18. I hereby certify that the foregoing is true and correct**

SIGNED [Signature]

TITLE Div. Ops. Engr.

DATE

APR 21 1978

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

cc: USGS w/attachment

\*See Instructions on Reverse Side

(AT)

SHELL OIL COMPANY

FROM: 3/2 - 3/29/78

LEASE LOTRIDGE GATES

DIVISION WESTERN

COUNTY DUCHESNE

ALTAMONT

WELL NO. 1-3B3

ELEV 5993 GL. 6011 KB

STATE UTAH

UTAHALTAMONT

Shell-Lotridge Gates 1-3B3 "FR" TD 14,800. PB 14,738. AFE #427337 provides funds to acid treat perms 11,571-13,055. MI&RU BJ to AT. Pmp'd 70 bbls prod wtr to est rate w/press from 1000-3600 psi @ 2.5 to 6.8 B/M. Pmp'd 24 bbls acid & drop'd 35 ball sealers (7/8" RCN w/1.2 SG). Flushed w/24 BW. Repeated procedure 3 times except flushed w/105 BW the last stage. Total vol pmp 96 bbls acid, 140 ball sealers & 247 BW. All acid contained 3 gals C15/1000, 3 gals J22/1000 & 200# SA2. Max rate 6.8 B/M, min 4.5, avg 5.8. Max press 4900 psi, min 3500, avg 4300. ISIP 3200 psi & after 15 mins 170 psi. Excellent ball action during job. Left well SI overnight.

MAR 02 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. SITP 1500 psi & CP 1200 psi; opened well to pit & cleaned up. Well flwd to pit 1.5 hrs & flwd gas, oil & wtr. No evidence of acid wtr on the returns. Turned well to trt'r @ 10 a.m. Well flw'g w/600 psi on 25/64 chk. Started gas lifting well @ 2 p.m. after well had 50 psi FTP. In 20 hrs well prod 80 BO & 216 BW. The chk is now on a 60/60" & well is gas lift'g.

MAR 03 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On 16-hr test, gas lifted 1 BO, 8 BW, 242 MCF gas w/1200 psi inj press.

MAR 06 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On various tests, gas lifted:

(AT)	Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
	3/3	24	72	555	973	1275
	3/4	24	123	615	714	1250
	3/5	24	96	562	786	1200

MAR 07 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On 24-hr test, gas lifted 119 BO, 497 BW, 849 MCF gas 1200 psi inj press.

MAR 08 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On 24-hr test, gas lifted 75 BO, 361 BW, 393 MCF gas w/1150 psi inj press.

MAR 09 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On 24-hr test, gas lifted 55 BO, 192 BW, 365 MCF gas w/1150 psi inj press.

MAR 10 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On 24-hr test, gas lifted 52 BO,  
(AT) 185 BW, 510 MCF gas w/1150 psi inj press. MAR 13 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On 24-hr test, gas lifted 55 BO,  
(AT) 475 BW, 609 MCF gas w/1150 psi inj press. MAR 14 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On 24-hr test, gas lifted 58 BO,  
(AT) 425 BW, 590 MCF gas w/1150 psi inj press. MAR 15 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On 24-hr test, gas lifted 85 BO,  
(AT) 611 BW, 670 MCF gas w/1200 psi inj press. MAR 16 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On various tests, gas lifted:  
(AT)

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
3/13	24	58	602	688	1200
3/14	24	83	409	647	1160
3/15	24	51	163	607	1160

MAR 17 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On 24-hr test, gas lifted 50 BO,  
(AT) 530 BW, 688 MCF gas w/1250 psi inj press. MAR 20 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On 24-hr test, gas lifted 95 BO,  
(AT) 634 BW, 870 MCF gas w/1250 psi inj press. MAR 21 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On 24-hr test, gas lifted 88 BO,  
(AT) 513 BW, 819 MCF gas w/1250 psi inj press. MAR 22 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On various tests, gas lifted:  
(AT)

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
3/19	24	97	614	717	1250
3/20	24	74	574	795	1200
3/21	24	76	503	632	1200

MAR 23 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On 24-hr test, gas lifted 61 BO,  
(AT) 418 BW, 632 MCF gas w/1200 psi inj press. MAR 27 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. On 24-hr test, gas lifted 95 BO,  
(AT) 543 BW, 969 MCF gas w/1200 psi inj press. MAR 28 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,738. Prior to work, well was prod'g 22  
(AT) BO/D & 143 BW/D w/160 MCF/D gas inj. After work, well is  
gas lift'g 77 BO/D & 432 BW/D w/540 MCF/D gas inj.  
FINAL REPORT MAR 29 1978



STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 965' FNL & 750' FEL Section 3		8. FARM OR LEASE NAME Lotridge Gates
14. PERMIT NO.		9. WELL NO. 1-3B3
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5993 GL, 6011 KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND Lot 1 SURVEY OR AREA NE/4 NE/4 Section 3- T2S-R3W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) CO, Perf, AT, Gas Lift <input checked="" type="checkbox"/>	
(Other) CO, Perf, AT, Gas Lift <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: June 1, 1978

BY: Ph Amicall

See attachment

18. I hereby certify that the foregoing is true and correct

SIGNED

R. Planty

TITLE

Div. Ops. Engr.

DATE 5/25/78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS (for info) w/attachment

## CO, PERFORATE, ACID TREAT, GAS LIFT

ALTAMONT

SHELL OIL COMPANY

LEASE

LOTRIDGE GATES

WELL NO.

1-3B3

DIVISION

WESTERN

ELEV

6011 KB

FROM: 3/30 - 4/21/78

COUNTY

DUCHESNE

STATE

UTAH

U1 |

ALTAMONT

Shell-Lotridge Gates 1-3B3 "FR" TD 14,800. PB 14,788. AFE #427367 provides funds to MO pkr, CO 5" liner, perf, run Mdl D pkr, AT perfs & run tbg & gas mndrls. 3/29 MI&RU WOW #17 & bled csg & tbg down. Installed BOP & released pkr. Pulled 2 stds tbg - drag'g. Pmp'd 300 bbls 145 deg wtr down backside; tbg pull'g normally. Pulled 140 stds tbg & SD for night.

MAR 30 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. POOH & LD gas mndrls & seal assy. (CO, Perf, AT, Gas Lift) PU 7" Bkr Mdl R dbl-grip pkr & set @ 1200 to chk set'g press. Tested 7" csg backside to 2000#, ok. Ran pkr to 10,000 & circ'd hole. Rec'd blk emulsified oil out tbg. Unable to set pkr; POOH. LD 7" Mdl R pkr & PU full bore pkr. Ran 30 stds & SD for night.

MAR 31 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Ran 7" Bkr full bore pkr to 9991. (CO, Perf, AT, Gas Lift) Rev circ'd 7" csg & tbg w/hot wtr. Rec'd sml amt of blk oil. Set pkr @ 9991 w/15,000# tension. Press tested backside 7" csg to 3000#; bled to 1800# in 45 mins. 9-5/8" annulus outside 7" csg had 50# press. Released full bore pkr & POOH. PU 6-1/8 Bkr pkr picker & RIH to 10,980. RU power swivel & SD for night. 4/1 Milled over Mdl D pkr @ 11,000; did not get pkr milled over. Brk safety jt on pkr picker & POOH. Mill completely worn out. PU new 6-1/8 Bkr shoe & ran 100 stds tbg & pkr picker back in hole. SD for night & Sunday.

APR 03 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Fin'd run'g Bkr pkr picker to (CO, Perf, AT, Gas Lift) btm & mill'g over Mdl D pkr @ 11,000. Ran pkr picker to top of 5" @ 11,261. POOH & LD pkr picker & rec'd Mdl D pkr. PU 4-1/8 mill & RIH. Rotated thru top of liner @ 11,261; ran 1 jt into liner. SD for night.

APR 04 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. No report. (CO, Perf, AT, Gas Lift) APR 05 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Perf'd as per prog w/3-1/8 OD (CO, Perf, AT, Gas Lift) hollow steel carrier csg gun w/13.5 grm chrsgs @ 120 deg  
APR 06 1978 phasing one shot/ft instead of 3 shots/ft as per prog.  
Perf'd 13,944-11,603 (10 runs for 208 holes). Lack 3 runs for 58 holes. FL @ 2400'; no sfc press. SD for night.

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. RU O.W.P. and made 3 perforating  
(CO, Perf, AT, Gas Lift) uns & 1 re-run. Perforate as per prog w/3-1/8" O.D. csg  
gun w/13.5 gram charges and 120 deg phasing (1 shot per  
ft). Perf'd 11,745 to 12,561 (58 holes) for a total of 266  
holes. FL 2300'. No surface pressure during perf'g. Rig  
down OWP. Pick up 7" Baker full bore pkr and ran to 11,251'.  
Pmpd 100 bbls hot water down tbg. Drop SV and pressure  
test tbg to 6500#, ok. Pull SV w/slick line. Set pkr at  
11,251' w/18,000# tension. Remove BOP and install 10,000#  
tree. SD for night. APR 9 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. 4/7 RU BJ & press tested sfc lines  
(CO, Perf, AT, Gas Lift) to 10,000#. AT perfs 11,603-13,946 (439 perfs) as per  
prog w/47,500 gals 7-1/2% HCl acid. Max TP 8500 psi, min  
4700, avg 7000. Max rate 14 B/M, min 11.5, avg 12.7. ISIP  
APR 10 1978 4200 psi, 5 mins 3450, 10 mins 2500, 15 mins 1900. Total  
load 1250 bbls including 120 bbls flush. Pmp'd 50 bbls  
diesel after SI 15 mins. SI 1 hr. & well on vac. RU OWP.  
Ran temp & RA logs from 14,720-11,100; indicated most of  
trtmt went in top perfs 11,603-13,300. 4/8 Loaded tbg  
w/50 bbls prod wtr, removed xmas tree, installed 6" BOP &  
unseated full bore pkr. POOH w/tbg & pkr. Reran 7" Bkr  
pkr w/gas mndrls. Ran 100 stds tbg & SD for night.

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Fin'd run'g tbg & gas mndrls.  
(CO, Perf, AT, Gas Lift) Mndrls spaced @ 2876, 4988, 6378, 7264, 7805, 8377,  
8917, 9489, 10,030, 10,602 and 11,142. Set 7" Bkr full  
APR 11 1978 bore pkr @ 11,244 w/15,000# tension. Installed 5000# tree  
and hooked up flw & gas inj lines. Turned well on @  
10 a.m. and released rig. Turned well over to prod.

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Gauge not available. APR 12 1978  
(CO, Perf, AT, Gas Lift)

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. On 22-hr test, gas lifted 60 BO  
(CO, Perf, AT, Gas Lift) 566 BW, 422 MCF gas w/1200 psi inj press. APR 13 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. On 24-hr test, gas lifted 96 BO,  
(CO, Perf, AT, Gas Lift) 424 BW, 315 MCF gas w/1200 psi inj press. APR 14 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. On 24-hr test, gas lifted 111 BO,  
(CO, Perf, AT, Gas Lift) 313 BW, 252 MCF gas w/1200 psi inj press. APR 17 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. On 24-hr test, gas lifted 130 BO,  
(CO, Perf, AT, Gas Lift) 547 BW, 316 MCF gas w/1200 psi inj press. APR 18 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. On 24-hr test, gas lifted 152 BO,  
(CO, Perf, AT, Gas Lift) 441 BW, 416 MCF gas w/1200 psi inj press. APR 19 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. On 24-hr test, gas lifted 111 BO,  
(CO, Perf, AT, Gas Lift) 401 BW, 868 MCF gas w/1113 psi inj press. APR 20 1978

Shell-Lotridge Gates 1-3B3 TD 14,800. PB 14,788. Prior to work, well prod 80 BO, 540  
(CO, Perf, AT, Gas Lift) BW, w/500 MCF gas inj per day. After work, well is prod'g  
157 BO, 483 BW w/250 MCF gas inj per day. Well appears  
to be improving on prod. APR 21 1978  
FINAL REPORT

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <u>PATENTED</u>
2. NAME OF OPERATOR <u>SHELL OIL COMPANY</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <u>P.O. Box 831 Houston, TX 77001 ATTN: P.G. GELING RM. # 6461 WCK</u>		7. UNIT AGREEMENT NAME <u>L</u>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>965' FNL + 750' FEL SEC. 3</u>		8. FARM OR LEASE NAME <u>LOTTRIDGE GATES</u>
14. PERMIT NO.		9. WELL NO. <u>1-3B3</u>
15. ELEVATIONS (Show whether DF, RT, OR, etc.) <u>6011' KB</u>		10. FIELD AND POOL, OR WILDCAT <u>ALTAMOUNT</u>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>NE1/4 NE1/4 T2S R3W</u>
		12. COUNTY OR PARISH <u>Duchesne</u>
		13. STATE <u>UTAH</u>

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☒  
☐

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

☐  
☐  
☐  
☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

☐  
☐  
☒

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

☐  
☐  
☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED  
JUN 27  
DIVISION OF  
OIL, GAS, AND MINING

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MININGDATE: 6-30-81BY: M. J. Minder

18. I hereby certify that the foregoing is true and correct

SIGNED

D.A. Langins

D.A. LANGINS

TITLE STAFF PROD. ENGINEER

DATE

6-16-81

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ALTAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT  
WELL HISTORY FOR WELL 356  
ISSUED 02/03/81

LABEL: 1-5-81  
DAILY COST: 1-5-81  
CUM COST: 1-5-81  
DATE: 1-5-81

WELL: LOTRIDGE GATES  
LABEL: FIRST REPORT  
AFE: 598767  
FOREMAN: K. J. DESHOTEL  
RIG: WOWS NO. 17  
OBJECTIVE: CLEAN OUT PERFORATE AND STIMULATE  
AUTH. AMT: 85000  
DAILY COST: 3650  
CUM COST: 3650  
DATE: 12-23-80 STATUS: TUESDAY: MOVE FROM 26B4 TO  
ACTIVITY: 12-23-80 STATUS: MOVE FROM 1-26BE

WELL: LOTRIDGE GATES 1-3B3  
FOREMAN: K. J. DESHOTEL  
OBJECTIVE: CLEAN OUT PERFORATE AND STIMULATE  
DATE: 12-23-80  
ACTIVITY: 12-23-80 STATUS: TUESDAY: MOVE FROM 1-26B4 TO  
\*02\* LOCATION AND RIG UP  
\*03\* 12-23-80 ACTIVITY: TUESDAY: FIRST REPORT ON THIS  
\*04\* LOCATION AFE NO. 598767 PROVIDES FUNDS TO CLEAN OUT  
\*05\* RECOMPLETE UPPER WASATCH TRANSITION AND STIMULATE  
\*06\* TO 14800 FT. PBD -14788 FT. PERFORATIONS 14750 FT. -  
\*07\* 11566 FT. (439HOLES) INTERVAL TO BE PERFORATED  
\*08\* 11524 FT. -10786 FT. (186HOLES) MOVE FROM 1-26B4  
\*09\* TO LOCATION AND RIG UP SOON  
\*10\* 12-24-80 STATUS: WEDNESDAY: PULL TBG AND PRODUCTION  
\*11\* EQUIPMENT

LABEL: -----  
DAILY COST: 4150  
CUM COST: 7800  
DATE: 12-24 12-25 12-26 12-27 12-28 AND 12-29-80  
ACTIVITY: 12-24-80 STATUS: WEDNESDAY: PULL PROD. EQUIP.  
\*02\* 12-24-80 ACTIVITY: PUMP 100 BARRELS PRODUCE WATER DOWN  
\*03\* TUBING AND 100 BARRELS DOWN CSG. REMOVE 5000#  
\*04\* WELLHEAD AND INSTALL 6 IN. ROPS. BEAT UP AND DOWN -

ALTAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT  
WELL HISTORY FOR WELL 356  
ISSUED 02/03/81

\*05\* ROTATED ON 7 IN. FULLBORE PACKER FOR 5 HOURS BEFORE  
\*06\* RELEASING SAME. PULLED 7000 FT. OF TUBING.  
\*07\* S.D.O.N.  
\*08\* 12-25-80 STATUS: THURSDAY: SHUTDOWN  
\*09\* 12-26-80 STATUS: FRIDAY: SHUTDOWN  
\*10\* 12-27-80 STATUS: SATURDAY: SHUTDOWN  
\*11\* 12-28-80 STATUS: SUNDAY: SHUTDOWN  
\*12\* 12-29-80 STATUS: RUN MILL AND CLEAN OUT LINER.

LABEL: -----  
DAILY COST: 2950  
CUM COST: 10750  
DATE: 12-29-80  
ACTIVITY: 12-29-80 STATUS: P.O.O.H. WITH THE REST OF THE  
\*02\* TUBING AND PACKER. TOOK PACKER OFF PUT ON A # 1/P  
\*03\* IN. MILL - R.I.H. - TAGGED FILL ONE JOINT INTO THE  
\*04\* 5 IN. LINER. PUMPED 800 BBLs. OF WATER DOWN TUBING.  
\*05\* STARTED TO GET OIL AND GAS OUT THE BACK SIDE  
\*06\* \* SURFACE - PUMP 500 MORE BBLs. OF WATER - GETTING  
\*07\* TO MUCH OIL AND GAS BACK TO KEEP CIRCULATION -  
\*08\* PUMP KEPT GAS LOCKING. S.D.O.N.

LABEL: -----  
DAILY COST: 4350  
CUM COST: 15100  
DATE: 12-30 AND 12-31-80  
ACTIVITY: 12-30-80 STATUS: RUN MILL TO CLEAN OUT LINER.  
\*02\* 12-30-80 ACTIVITY: TUESDAY: TAG INSIDE OF 5 IN.  
\*03\* LINER @ 11292 FT. LINER TAP @ 11261 FT. PUMPED  
\*04\* 800 BARRELS WATER R ATTEMPTING TO ESTABLISH  
\*05\* CIRCULATION - UNABLE TO CIRCULATE HOLE. MILLED  
\*06\* FROM 11292 FT. TO 11392 FT. BEFORE FALLING THROUGH -  
\*07\* R.I.H. WITH TBG. AND HIT SEVERAL BRIDGES DOWN TO  
\*08\* 13742 FT. AND STACKED OUT. MILLED FOR APPX.  
\*09\* 1 HOUR MADE 31 FT. DOWN TO 13743 FT. TUBING PLUGGED  
\*10\* OFF. PULL UP OUT OF LINER TO 11201 FT. RIG UP  
\*11\* WIPELINE AND ATTEMPT TO PUNCH HOLE IN TUBING.  
\*12\* WIPELINE HUNG UP @ 9500 FT. S.D.O.N.  
\*13\* 12-31-80 STATUS: WEDNESDAY: P.O.O.H. WITH TUBING AND  
\*14\* RUN NEW MILL.

LABEL: -----

ALTAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT-  
WELL HISTORY FOR WELL 356  
ISSUED 02/03/81

DAILY COST: 4450  
CUM COST: 19550  
DATE: 12-31-80 AND 1-1 AND 1-2-81  
ACTIVITY: 12-31-80 STATUS: WEDNESDAY: P.O.O.H. WITH TBG. AND  
\*02\* RUN NEW MILL.  
\*03\* 12-31-80 ACTIVITY: WEDNESDAY: DROP KINBY CUTTER AND  
\*04\* CUT WIRELINE @ 9500 FT. P.O.O.H. WITH WIRELINE  
\*05\* AND RIG DOWN SAME. P.O.O.H. WITH TBG. - FOUND TUBING  
\*06\* PERFORATOR STUCK IN SCALE AND PARAFFIN. FOUND  
\*07\* BOTTOM 2 JOINTS ABOVE MILL PLUGGED WITH SCALE.  
\*08\* MAKE UP NEW 4 1/8 IN. MILL AND R.I.H. TO 2000 FT.  
\*09\* S.O.D.N.  
\*10\* 1-1-81 STATUS: THURSDAY: SHUTDOWN FOR NEW YEAR.  
\*11\* 1-2-81 STATUS: FRIDAY: CLEAN OUT 5 IN. LINER.

LABEL: -----  
DAILY COST: 7850  
CUM COST: 33050  
DATE: 1-2 AND 1-3 AND 1-4 AND 1-5-81  
ACTIVITY: 1-2-81 STATUS: FRIDAY: CLEAN OUT 5 IN. LINER.  
\*02\* 1-2-81 ACTIVITY: S.I. WELLHEAD PRESSURE 600 PST -  
\*03\* BLEED GAS PRESSURE OFF - PUMP 100 BARRELS WATER -  
\*04\* R.I.H. WITH TUBING AND TAG @ 13742 FT. - PICK UP  
\*05\* POWER SWIVEL MIND UP B.J. HUGHES PUMP TRUCK AND PUMP  
\*06\* 560 BARRELS PRODUCE WATER @ 11 BARRELS P/M MINUTE  
\*07\* BEFORE ESTABLISHING CIRCULATION GOING REVERSE -  
\*08\* STARTED MILLING @ 13742 FT. MILLED ON HARD SCALE  
\*09\* DOWN TO 14114 FT. BEFORE FALLING THROUGH. R.I.H.  
\*10\* TO 14722 FT. AND TAG JUNK. LAY BACK POWER SWIVEL  
\*11\* CIRCULATE BOTTOMS UP GOING REVERSE - PULLED 4 JOINTS  
\*12\* TUBING. S.O.D.N.  
\*13\* 1-3-81 STATUS: SATURDAY: SPOT ACID AND PREPARE TO  
\*14\* PERFORATE.  
\*15\* 1-3-81 ACTIVITY: ZERO PRESSURE ON WELLHEAD -  
\*16\* R.I.H. AND TAG @ 14722 FT. PUMP 2500 GALLONS OF  
\*17\* 15 PERCENT ACID - P.O.O.H. TO 12900 LAYING DOWN  
\*18\* TUBING - PUMP 2500 GALLONS OF 15 PERCENT ACID  
\*19\* DISPLACE TUBING WITH WATER - PUMPED A TOTAL OF  
\*20\* 5000 GALLONS OF 15 PERCENT HCL. P.O.O.H. TO 2000 FT.  
\*21\* S.O.D.N.  
\*22\* 1-4-81 STATUS: SUNDAY: SHUTDOWN  
\*23\* 1-5-81 STATUS: MONDAY: PERFORATE

ALTAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT  
WELL HISTORY FOR WELL 356  
ISSUED 02/03/81

LABEL: 810106  
DAILY COST: 4050  
CUM COST: 37100  
DATE: 1-5-81  
ACTIVITY: 1-5-81 STATUS: MONDAY: FISH FOR TBG  
\*02\* 1-5-81 ACTIVITY: SI WELLHEAD PSI 150 OPEN WELL TO  
\*03\* PIT AND BLEED PRESSURE TO 0 POOH WITH 39 JTS OF TBG  
\*04\* MISSING 26 JTS OF TBG FOUND TBG ACID CUT MAKE UP  
\*05\* 27/8 IN. 2 SPIRAL GRAPPLE AND CRH TO 13916 FT. AND  
\*06\* TAG MADE SEVERAL ATTEMPTS TO LATCH TBG GRAPPLE DEPT  
\*07\* SLIPPING OFF POOH WITH TBG AND GRAPPLE DID NOT RECOVER  
\*08\* ANYTHING MAKE UP 27/8 IN. TBG GRAPPLE 1 JT 4 IN.  
\*09\* WASH PIPE 29 FT. LONG SOON  
\*10\* 1-6-81 STATUS: TUESDAY: ATTEMPT TO RECOVER TBG

LABEL: -----  
DAILY COST: 3800  
CUM COST: 40900  
DATE: 1-6 AND 1-7-81  
ACTIVITY: 1-6-81 STATUS: TUESDAY: ATTEMPT TO RECOVER TUBING.  
\*02\* 1-6-81 ACTIVITY: S.I. WELLHEAD PSI = 150 = OPEN  
\*03\* WELL TO PIT AND BLEED PRESSURE TO 0. R.I.H. WITH  
\*04\* 2 7/8 IN. TUBING GRAPPLE 1 JOINT 4 IN. WASH PIPE  
\*05\* 29 IN. LONG = TUBING AND TAG @ 13916 FT. SET  
\*06\* 8000 WEIGHT AND SLIPPED DOWN TO 12 FT. OVER TUBING  
\*07\* DOWN TO 13926 FT. PULLED UP AND SET BACK DOWN  
\*08\* SEVERAL TIMES WEIGHT INDICATOR SHOWING 3000 EXTRA  
\*09\* WEIGHT. P.O.O.H. WITH TUBING WASH PIPE AND GRAPPLE  
\*10\* RECOVERED APPX. 18 FT. OF TUBING. R.I.H. WITH 2 7/8 IN.  
\*11\* GRAPPLE WASH PIPE AND TUBING TO 11000 FT. S.D.O.M.  
\*12\* 1-7-81 STATUS: WEDNESDAY: ATTEMPT TO RECOVER TUBING.

LABEL: 810108  
DAILY COST: 3800  
CUM COST: 44700  
DATE: 1-7-81  
ACTIVITY: 1-7-81 STATUS: WEDNESDAY: ATTEMPT TO RECOVER TBG  
\*02\* 1-7-81 ACTIVITY: ZERO WELLHEAD PSI RIH AND TAG AT  
\*03\* 13917 FT. WORKED OVER SHOT AND WASH PIPE DOWN TO  
\*04\* 13942 FT. SET 14000 WEIGHT DOWN TBG PULL UP AND SET  
\*05\* DOWN SEVERAL TIMES AT 13942 FT. POOH WITH TBG WASH



ALTAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT  
WELL HISTORY FOR WELL 356  
ISSUED 02/03/81

\*06\* PIPE 57/8 IN. OVER SHOT AND RECOVERED 1 FT. OF TUBING  
\*07\* TUBING THIN AND ACID CUT MAKE UP 4 1/8 IN. FLAT BOTTOM  
\*08\* MILL AND RIM TO 13942 FT. AND TAG PULL UP TO 13980 FT.  
\*09\* AND ATTEMPT TO ESTABLISH CIRCULATION WITH RIG PUMP  
\*10\* UNABLE TO CIRCULATE HOLE S.D.O.N.  
\*11\* 1-8-81 STATUS: MILL OVER BAD TUBING

LABEL: -----  
DAILY COST: 4200  
CUM COST: 48900  
DATE: 1-8 AND 1-9-81  
ACTIVITY: 1-8-81 STATUS: THURSDAY: MILL OVER BAD TUBING.  
\*02\* 1-8-81 ACTIVITY: PICK UP POWER SWIVEL RUN 2 JOINTS  
\*03\* OF TUBING AND TAG @ 13942 FT. MIRR DOWELL PUMP  
\*04\* TRUCK AND STARTED PUMPING REVERSE. PUMPED 500  
\*05\* BARRELS PRODUCE WATER @ 9 BPM BEFORE ESTABLISHING  
\*06\* CIRCULATION. MILLED FROM 13942 FT. TO 13954 FT.  
\*07\* IN 1 HOUR. MILLED AND MADE 2 IN. IN 2 HOURS DOWN  
\*08\* TO 13956 FT. - LAST 2 HOURS SEEMED TO BE MILLING  
\*09\* ON GOOD TUBING. LAY BACK SWIVEL AND P.O.D.H. WITH  
\*10\* TUBING AND FLAT BOTTOM MILL. MAKE UP 4 1/8 IN. X 3 IN.  
\*11\* MILL SHOE 1 JOINT OF 4 IN. WASH PIPE AND R.I.P. TO  
\*12\* 2000 FT. S.D.O.N.  
\*13\* 1-9-81 STATUS: FRIDAY: MILL OVER TUBING.

LABEL: -----  
DAILY COST: 5350  
CUM COST: 59100  
DATE: 1-9 AND 1-10 AND 1-11 AND 1-12-81  
ACTIVITY: 1-9-81 STATUS: FRIDAY: MILL OVER TUBING.  
\*02\* 1-9-81 ACTIVITY: FRIDAY: S.I. WELLHEAD PRESSURE  
\*03\* 50 LBS - FLED PRESSURE TO ZERO AND RIM TO 13800 FT.  
\*04\* AND TAG. THIS IS CORRECTED TUBING MEASUREMENTS  
\*05\* HAVE BEEN SHOWING 13942 FT. PICK UP POWER SWIVEL  
\*06\* ESTABLISH CIRCULATION AND STARTED MILLING. MILLED FOR  
\*07\* APPX. 1 HOUR AND MADE 2 FT. WASH PIPE PLUGGED OFF.  
\*08\* ATTEMPTED TO UNPLUG WASH PIPE UNABLE TO UNPLUG.  
\*09\* LAY BACK SWIVEL AND POOH WITH TUBING WASH PIPE AND  
\*10\* MILL. RECOVERED SEVERAL PIECES OF TUBING ABOUT  
\*11\* SIX INCHES LONG - 1/2 2 7/8 IN. COLLAR AND ABOUT  
\*12\* 10 LBS. OF CUTTINGS FROM TUBING. S.D.O.N.  
\*13\* 1-10-81 STATUS: RIM WITH MILL SHOE AND WASH PIPE.

ALTAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT-  
WELL HISTORY FOR WELL 356  
ISSUED 02/03/81

\*14\* 1-10-81 ACTIVITY: SATURDAY: R/H WITH MILL SHOE -  
\*15\* WASH PIPE TUBING AND TAG @ 13800 FT. - PICK UP  
\*16\* POWER SWIVEL. MIRR HALLIBURTON ESTABLISH CIRCULATION  
\*17\* GOING REVERSE AND STARTED MILLING. MILLED OVER  
\*18\* TUBING FROM 13800 FT. DOWN TO 13812 FT. IN APPX.  
\*19\* 45 MINUTES. LAY BACK SWIVEL AND PULLED 6000 FT.  
\*20\* OF TUBING. S.D.R.U.  
\*21\* 1-11-81 STATUS: SUNDAY: SHUTDOWN.  
\*22\* 1-12-81 STATUS: MONDAY: R/H WITH OVERSHOT.

LABEL: 810113  
DAILY COST: 3950  
CUM COST: 63050  
DATE: 1-12-81  
ACTIVITY: 1-12-81 STATUS: MONDAY: R/H WITH OVERSHOT  
\*02\* 1-12-81 ACTIVITY: MONDAY: POOH WITH TBG WASH PIPE  
\*03\* 4 1/8 IN. MILL SHOE AND RECOVERED APPX 6 FT. OF TWISTED  
\*04\* 27/8 IN. TBG MAKE UP 27/8 IN. TBG GRAPPLE 1 JT OF WASH  
\*05\* PIPE JARS AND R/H TO 13806 FT. AND TAG ROTATE TBG  
\*06\* AND SLIPPED DOWN OVER PIPE 15 FT. DOWN TO 13821 FT.  
\*07\* POOH WITH TBG JARS WASH PIPE AND GRAPPLE RECOVERED APPX.  
\*08\* 1 FT. OF TWISTED 2 7/8 IN. TBG SDON  
\*09\* 1-13-81 STATUS: TUESDAY: R/H WITH 4 1/8 IN. MILL SHOE  
\*10\* AND WASH PIPE

LABEL: 810114  
DAILY COST: 4250  
CUM COST: 67300  
DATE: 1-13-81  
ACTIVITY: 1-13-81 STATUS: TUESDAY: R/H WITH 4 1/8 IN. MILL  
\*02\* SHOE AND 1 JT OF WASH PIPE  
\*03\* 1-13-81 ACTIVITY: TUESDAY: MAKE UP 4 1/8 IN. X  
\*04\* 3 1/8 IN. MILL SHOE 1 JT OF 1/2 FT. WASH PIPE AND R/H  
\*05\* TO 13806 FT. AND TAG PICK UP POWER SWIVEL MIRR  
\*06\* DOWELL PUMP TRUCK AND ESTABLISH CIRCULATION GOING  
\*07\* REVERSE STARTED MILLING MILLED FROM 13806 FT. DOWN  
\*08\* TO 13839 FT. PULL UP 3 JTS AND SDON  
\*09\* 1-14-81 STATUS: WEDNESDAY: CONTINUE WASHING OVER TBG

LABEL: -----  
DAILY COST: 4650  
CUM COST: 71950

ALTAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT\_  
WELL HISTORY FOR WELL 356  
ISSUED 02/03/81

DATE: 1-14 AND 1-15-81  
ACTIVITY: 1-14-81 STATUS: WEDNESDAY: CONTINUE WASHING OVER  
\*02\* TUBING.  
\*03\* 1-14-81 ACTIVITY: RUN 3 JOINTS AND TAG @ 13839 FT. -  
\*04\* PICK UP POWER SWIVEL - RU PUMP TRUCK AND ESTABLISH  
\*05\* CIRCULATION GOING REVERSE. STARTED MILLING -  
\*06\* MILLED FOR 2 HOURS MADE 2 FT. DOWN TO 13841 FT.  
\*07\* BEFORE PLUGGING OFF. LAY BACK SWIVEL AND POOH WITH  
\*08\* TUBING - WASH PIPE AND MILL SHOE. RECOVERED ABOUT  
\*09\* 4 FT. OF TWISTED TUBING. S.D.O.N.  
\*10\* 1-15-81 STATUS: THURSDAY: PERFORATE

LABEL: -----  
DAILY COST: 16866  
CUM COST: 88816  
DATE: 1-15 AND 1-16-81  
ACTIVITY: 1-15-81 STATUS: THURSDAY: PERFORATE  
\*02\* 1-15-81 ACTIVITY: MIRU OWP RIH AND SET CIBP @ 11550 FT.  
\*03\* RIG UP LUBRICATOR AND MADE A TOTAL OF 3 PERFORATING  
\*04\* RUNS THIS DATE. PERFORATED FROM 11524 FT. TO  
\*05\* 10786 FT. (62 SELECTIONS 186 HOLES) 1 RUN WITH  
\*06\* 3 1/8 IN. GUN AND 2 RUNS WITH 4 IN. GUNS. NO PRESSURE  
\*07\* BEFORE AND AFTER PERFORATING - FLUID LEVEL ON ALL  
\*08\* RUNS @ 5100 FT. MAKE UP 7 IN. FULLBORE PACKER  
\*09\* AND RIH TO 4000 FT. S.D.O.N.  
\*10\* NOTE: THERE IS 26 JOINTS OF 2 7/8 IN. N-80 BRP  
\*11\* TUBING. ALL ACID CUT FROM PHD @ 14722 FT. TO  
\*12\* 13841 FT. TOP OF TUBING.  
\*13\* 1-16-81 STATUS: FRIDAY 1 ACIDIZE

LABEL: -----  
DAILY COST: 3250  
CUM COST: 122536  
DATE: 1-16 AND 1-17 AND 1-18 AND 1-19-81  
ACTIVITY: 1-16-81 STATUS: FRIDAY: ACIDIZE  
\*02\* 1-16-81 ACTIVITY: FRIDAY: RIH WITH TUBING AND SET  
\*03\* 7 IN. FULLBORE PACKER @ 10700 FT. PRESSURE TEST  
\*04\* TUBING TO 6500 PSI AND CSG TO 2500 PSI BOTH OK.  
\*05\* LAND TUBING WITH 16000 \* TENSION REMOVE BOPS AND  
\*06\* INSTALL 10000 WELLHEAD. MIRU DOWELL HELD SAFETY  
\*07\* MEETING. PRESSURE TEST LINES AND ACIDIZE. MAX PSI-  
\*08\* 8400 AVG. PSI-7600 MIN. PSI-6500 MAX. RATE-17

ALTAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT  
WELL HISTORY FOR WELL 356  
ISSUED 02/03/81

\*09\* AVG. RATE-15 MIN. RATE -8 ISP-3700 5 MIN.-500  
 \*10\* 10 MIN.-0 15 MIN. VAC - MAX CSG - 2600 TOT ACTD-480  
 \*11\* FLUSH-110 RIG DOWN BOWELL - MIRU OWP AND RUN  
 \*12\* RA LOG - LOG INDICATES 80 PERCENT TREATMENT. S.D.R.U.  
 \*13\* 1-17-81 STATUS: SATURDAY: RUN PRODUCTION EQUIPMENT.  
 \*14\* 1-17-81 ACTIVITY: SATURDAY: S.I. WELLHEAD PSI 500# -  
 \*15\* BLEED PRESSURE TO 0 - PUMPED 100 BARRELS PRODUCE  
 \*16\* WATER DOWN TUBING - REMOVE WELLHEAD AND INSTALL  
 \*17\* BOPS. RELEASE 7 IN. FULLBORE PACKER AND P.O."H.  
 \*18\* MAKE UP GUINERSON UNI-PACKER VI R.I.H. WITH  
 \*19\* MANIFOLDS PER GAS LIFT DESIGN - RUN 8000 FT. OF  
 \*20\* TUBING. S.D.R.U.  
 \*21\* 1-18-81 STATUS: SUNDAY: SHUTDOWN  
 \*22\* 1-19-81 STATUS: MONDAY: RETURN WELL TO PRODUCTION.

LABEL: -----  
 DAILY COST: 1100  
 CUM COST: 123639  
 DATE: 1-19-81  
 ACTIVITY: 1-19-81 STATUS: MONDAY: RETURN WELL TO PRODUCTION.  
 \*02\* 1-19-81 ACTIVITY: MONDAY: RTH AND SET PACKER  
 \*03\* @ 10700 FT. LAND TUBING WITH 14000 # TENSION -  
 \*04\* REMOVE BOPS AND INSTALL 500# WELLHEAD. HOOK  
 \*05\* UP WELLHEAD TO FLOWLINE AND TURN WELL OVER TO  
 \*06\* PRODUCTION. RIG DOWN.

LABEL: -----  
 DAILY COST: NONE  
 CUM COST: 123639  
 DATE: 1-21 AND 1-22-81  
 ACTIVITY: 1-21-81 OIL-317 WATER-262 TUBING-250 CASING-104"  
 \*02\* PROD. GAS-673 INJ.-624  
 \*03\* 1-22-81 OIL-306 WATER-478 TUBING-250 CASING-103"  
 \*04\* INJ.-678 PROD. GAS-750 CHOKE-64/64

LABEL: 810125  
 DAILY COST: 810125  
 CUM COST: 123639  
 DATE: 1-23-81  
 ACTIVITY: 1-23-81 ACTIVITY: OIL 249-WTR 372-MCF GAS 785  
 \*02\* INJ GAS 672-FIP 100-CSG PRES 1030

ALTAIR OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT  
WELL HISTORY FOR WELL 356  
ISSUED 02/03/81

LABEL:	FINAL REPORT
DAILY COST:	FINAL REPORT
CUM COST:	123639
DATE:	1-24 AND 1-25 AND 1-26 AND 1-28-81
ACTIVITY:	1-24-81 OIL-293 WATER-442 MCF-870 FTP-100
*02*	CP-1030 INJ. GAS-632 CHOKE-64/64 24 HOURS.
*03*	1-25-81 OIL-245 WATER-386 MCF-906 FTP-100
*04*	CP-1060 INJ. GAS-698 CHOKE-64/64 24 HOURS.
*05*	1-26-81 OIL-236 WATER-367 MCF-956 FTP-100
*06*	CP-1050 INJ. GAS -753 CHOKE-64/64 24 HOURS.
*07*	1-28-81 OIL-243 WATER-378 MCF-755 FTP-100
*08*	CP-1050 INJ. GAS-683 CHOKE-64/64 24 HOURS.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <u>Patented</u>
2. NAME OF OPERATOR <u>Shell Oil Company</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <u>P.O. Box 831, Houston Tx 77001</u> <u>ATTN: C.O. Collins</u> <u>Rm 6467 WCK</u>		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>965' FNL &amp; 750' FEL Sec 3</u>		8. FARM OR LEASE NAME <u>Lotridge - Gates</u>
14. PERMIT NO.		9. WELL NO. <u>1-3B3</u>
15. ELEVATIONS (Show whether DF, RT, OR, etc.) <u>6011' KB</u>		10. FIELD AND POOL, OR WILDCAT <u>Altamont</u>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>NE/4 NE/4 T2S R3W</u>
		12. COUNTY OR PARISH <u>Duchesne</u>
		13. STATE <u>Utah</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED

18. I hereby certify that the foregoing is true and correct

SIGNED

W.F.N. KELLDORFTITLE Div. Prod. Engineer

DATE

10/11/82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

## ATTACHMENT II

Perforations for first stage. Depth reference is McCullough's CBL dated 8/21/72:

13,773	13,228	12,756	12,297
13,763	13,220	12,748	12,274
13,754	13,213	12,739	12,253
13,740	13,197	12,724	12,246
13,734	13,184	12,716	12,238
13,726	13,173	12,704	12,220
13,716	13,164	12,691	12,210
13,705	13,151	12,682	12,186
13,691	13,140	12,673	12,176
13,682	13,131	12,665	12,166
13,670	13,120	12,660	12,157
13,661	13,104	12,655	12,143
13,645	13,093	12,643	12,125
13,633	13,082	12,636	12,106
13,622	13,061	12,629	12,087
13,616	13,051	12,618	12,061
13,600	13,043	12,609	12,047
13,582	13,034	12,603	12,036
13,574	13,026	12,590	12,026
13,566	13,071	12,578	12,018
13,556	13,012	12,572	12,000
13,530	13,004	12,562	11,991
13,523	12,996	12,553	11,974
13,512	12,984	12,543	11,966
13,505	12,975	12,536	11,954
13,494	12,965	12,530	11,946
13,483	12,956	12,517	11,925
13,471	12,949	12,509	11,914
13,461	12,940	12,497	11,883
13,451	12,927	12,491	11,860
13,441	12,912	12,481	11,849
13,431	12,899	12,472	11,844
13,421	12,891	12,461	11,827
13,411	12,882	12,450	11,812
13,401	12,874	12,436	11,781
13,391	12,860	12,421	11,767
13,381	12,853	12,409	11,761
13,371	12,832	12,403	11,748
13,361	12,822	12,392	11,742
13,351	12,813	12,383	11,735
13,341	12,804	12,374	11,730
13,331	12,795	12,362	11,724
13,321	12,787	12,351	11,695
13,311	12,781	12,341	11,655
13,301	12,777	12,328	11,676
13,294	12,768	12,308	11,657

Total 552 perforations (184 depths at 3 JSPF).

REMEDIAL PROGNOSIS  
LOTRIDGE-GATES 1-3B3  
SECTION 3, T2S, R3W  
ALTAMONT FIELD, UTAH

Pertinent Data:

Shell's Share: 100%

Elevation (KE): 6,011'  
Elevation (GL): 5,993'  
TC: 14,800'  
PBD: 14,788' (CIBP at 11,550' and junk at 13,822')  
Casing: 13-3/8", 68#, K-55 to 237'  
9-5/8", 40#, K-55 to 6,250'  
7", 26#, S-95 to 11,535'  
Liner: 5", 18#, N-80, 11,261'-14,797'  
Tubing: 2-7/8", 6.5#, N-80, EUE to 10,700'  
Packer: 7" Guiberson Uni-packer VI at 10,700'  
Perforations: 10,786'-14,787' (625 holes)  
Artificial Lift: Gas lift with mandrels at 3,032', 5,390', 7,089',  
8,255', 9,044', 9,583', 10,122', and 10,631'.

Objective: CO, perforate, and stimulate the Wasatch.

Current Status: 87 BOPD + 249 BWPD + 124 MCFPD gas with 730 MCFPD injection gas.

Procedure:

1. MIRU. Load hole with clean produced water containing 5 gallons/100 bbl. Tretolite Xcide 102 Biocide. Remove tree. Install and test BOPE. See Attachment I for Engineering recommendation for BOPE ~~tree~~.
2. Pull ~~tree~~ and 7" fullbore packer and lay down GL equipment.
3. RIH and mill out 5" CIBP at 11,550'.
4. CO 5" liner to 13,822'±. Take two samples of scale from interval 10,786' - 13,804' only if samples can be retrieved while reverse circulating and send to I. Yung, WCK 6406.
5. Set CIEP at 13,800'± and cap with ±two sacks of cement.
6. Rig up perforators with lubricator tested to 3000 psi and perforate as follows (depth reference is McCullough's CBL dated 8/21/72):
  - a. Perforate from bottom up at 3 JSPF. Use a 3-1/8" O.D. casing gun with DML Densi-Jet XIX (14.0 gram) charges or equivalent at 120° phasing for depths listed on Attachment II.
  - b. Record and report wellhead pressure before and after each run.



7. a. If well can be controlled with water after perforating, run a 5" fullbore packer on tubing and set at 11,620'±. Test tubing to 6500 psi. Remove BOPE. Install and test 10,000 psi WP tree.
- b. If well cannot be controlled with water after perforating, lubricate in a 5" Model "FA-1" packer with Model "B" expendable plug or equivalent in place and set at 11,640'±. Run in with latch-in assembly and latch into packer. Pressure test tubing to 6500 psi. Remove BOPE. Install and test 10,000 psi WP tree. Run in with sinker bars and jars on wireline and knock out expendable plug from packer. Consider flowing well prior to acidizing.
8. Acid treat perfs 11,657'-13,774' (363 old and 552 new) with 35,000 gallons of 7-1/2" HCl as follows:
  - a. Pump 1,000 gallons 7-1/2" HCl.
  - b. Pump 4,000 gallons acid, dropping one ball sealer, NBS-431 or equivalent (7/8" RCN with 1.3 S.G.) every 40 gallons.
  - c. Pump 1,000 gallons acid containing 1000# benzoic acid flakes, NDA-143 or equivalent.
  - d. Repeat step (b) six more times and step (c) five more times for a total of seven stages acid and six of diverting material (total 35,000 gallons acid and 700 ball sealers).
  - e. Flush with 110 bbls. of clean produced water containing five gallons Tretolite Xcide 102/100 bbl.

- Notes:
- (1) All acid and flush to contain 5# NFR-44/1,000 gallons HCl or equivalent for ±60% friction reduction and 1.0# 20-30 mesh RA sand per 1,000 gallons (no RA sand in flush).
  - (2) All acid to contain three gallons NAI-167/1,000 gallons HCl or equivalent for four hours exposure at 210°F and the necessary surfactant NNE-257N or equivalent (tested for compatibility with formation fluids) and two gallons NSI-372/1,000 gallons HCl or equivalent.
  - (3) Maintain 2500 psi surface casing pressure during treatment if possible.
  - (4) Pumping rates: pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.
  - (5) Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.

- (6) Record ISIP and shut-in pressure decline for at least 20 minutes.
9. Run RA log from PBTD to 11,550'±.
10.
  - a. If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to step 11.
  - b. If well does not flow, continue with step 11.
11. Remove tree. Install and test BOPE.
12.
  - a. If a 5" fullbore packer was used in step 7, POOH with tubing and packer. Run and set 5" CIBP at 11,640'. RIH with 5" fullbore packer and set at 11,620'. Pressure test plug to 3000 psi and POOH with packer.
  - b. If a 5" Model "FA-1" packer or equivalent was used in step 7, POOH with tubing and seals. RIH with Model "DR" latching type packer plug or equivalent and set in packer. RIH with 5" fullbore packer and set at 11,620'. Pressure test plug to 3000 psi and POOH with packer. Spot one sack of sand on top of packer (at field's discretion).
13. Rig up perforators with lubricator tested to 3000 psi and perforate as follows (depth reference is McCullough's CBL dated 8/21/72):
  - a. Perforate from bottom up at 3 JSPF. Use a 3-1/8" O.D. casing gun with DML Densi-Jet XIX (14.0 gram) charges or equivalent at 120° phasing for depths 11,275'-11,608' listed on Attachment III. Use a 4" O.D. casing gun with DML Densi-Jet XIX (19.0 gram) charges or equivalent for depths 10,955'-11,250' listed on Attachment III.
  - b. Record and report wellhead pressure before and after each run.
14.
  - a. If well can be controlled with water after perforating, run a 7" fullbore packer on tubing and set at 10,700'±. Test tubing to 6500 psi. Remove BOPE. Install and test 10,000 psi WP tree.
  - b. If well cannot be controlled with water after perforating, lubricate in a 7" Model "D" packer with Model "B" expendable plug or equivalent in place and set at 10,700'±. Run in with latch-in assembly and latch into packer. Pressure test tubing to 6500 psi. Remove BOPE. Install and test 10,000 psi WP tree. Run in with sinker bars and jars on wireline and knock out expendable plug from packer. Consider flowing well prior to acidizing.
15. Acid treat perms 10,786'-11,611' (208 old and 150 new) with 15,000 gallons of 7-1/2" HCl as follows:
  - a. Pump 1,000 gallons 7-1/2" HCl.
  - b. Pump 4,000 gallons acid, dropping one ball sealer, N3S-431 or equivalent (7/8" RCN with 1.3 S.G.) every 40 gallons.

- c. Pump 1,000 gallons acid containing 1000# benzoic acid flakes, NDA-143 or equivalent.
- d. Repeat step (b) two more times and step (c) one more time for a total of three stages acid and two of diverting material (total 15,000 gallons acid and 300 ball sealers).
- e. Flush with 100 bbls. of clean produced water containing five gallons Tretolite Xcide 102/100 bbl.

- Notes:
- (1) All acid and flush to contain 5# NFR-44/1,000 gallons HCl or equivalent for  $\pm 60\%$  friction reduction and 1.0# 20-30 mesh RA sand per 1,000 gallons (no RA sand in flush).
  - (2) All acid to contain three gallons NAI-167/1,000 gallons HCl or equivalent for four hours exposure at 210°F and the necessary surfactant NNE-257N or equivalent (tested for compatibility with formation fluids) and two gallons NSI-372/1,000 gallons HCl or equivalent.
  - (3) Maintain 2500 psi surface casing pressure during treatment if possible.
  - (4) Pumping rates: pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.
  - (5) Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
  - (6) Record ISIP and shut-in pressure decline for at least 20 minutes.

16.  $\approx$  RA log from CIBP to 10,600'±.

17.  $\approx$  If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to step 18.

$\approx$  If well does not flow, continue with step 18.

18.  $\approx$  Move tree. Install and test BOPE.

19.  $\approx$  If a 7" fullbore packer was used in step 14, POOH with tubing and packer.

b. If a 7" Model "D" packer or equivalent was used in step 14, POOH with tubing and seals. RIH with mill out 7" Model "D".

20. RIH and mill out CIBP at 11,640'.
21. RIH with tubing, GL equipment, and 7" packer. Set packer at 10,700'±. Install GL equipment as shown on Attachment IV.
22. Remove BOPE. Install and test 10,000 psi WP tree.
23. Return well to production.
24. Report well tests on morning report until production stabilizes.

Requested by: H. H. Hitzler

Approved:

[Signature]

Date:

10-6-82

RM LFH  
LLL:SJK  
10/1/82

# ATTACHMENT I



SHELL OIL  
COMPANY

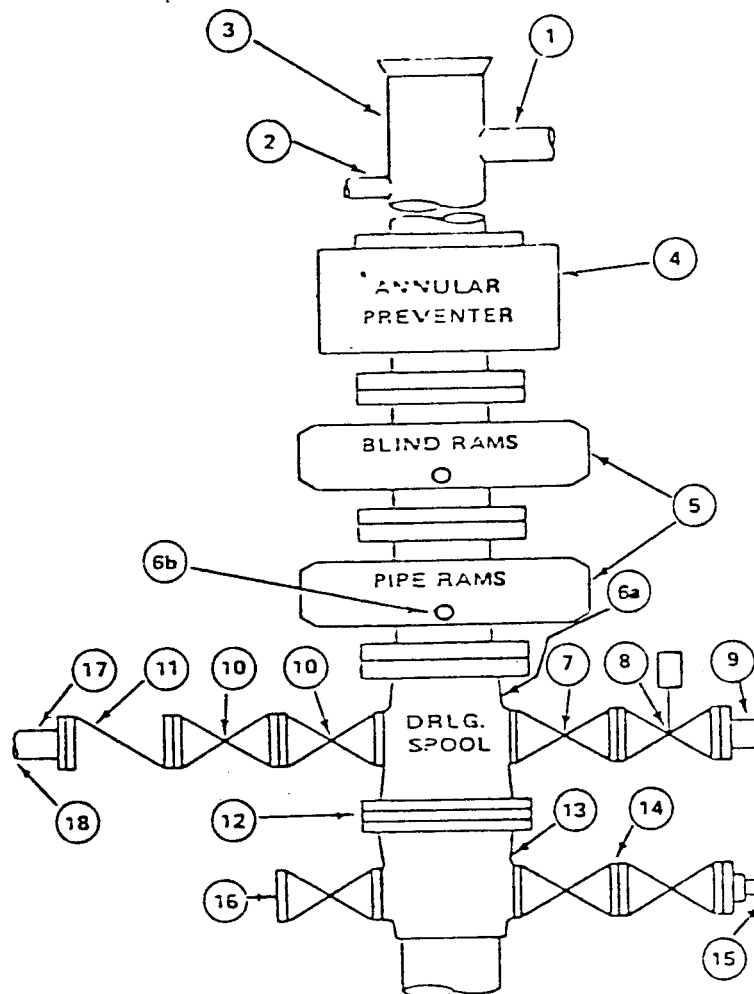
## DRAWING AND CHECK LIST 104A SHELL CLASS 5MR, 5MA 5,000 psi Working Pressure

SHELL MINIMUM BOP STACK REQUIREMENTS			
No.	Item	Min. I.D.	Min. Nominal
1	Flowline		
2	Fill up Line		2"
3	Drilling Nipple		
4	Annular Preventer	7 1/16"	
5	Two single or one dual hydraulically operated rams	7 1/16"	
6a	Drilling spool with 2" and 3" min. outlets		
	or		
6b	2" and 3" outlets in ram. Run kill and choke lines from these outlets.		
7	Valve Gate <input checked="" type="checkbox"/> Plug <input checked="" type="checkbox"/>	3 1/8"	
8	Gate Valve Power Operated	3-1/8"	
9	Line to choke manifold		3"
10	Valves Gate <input checked="" type="checkbox"/> Plug <input checked="" type="checkbox"/>	2-1/16"	
11	Check Valve	2-1/16"	
12	Wear flange or bushing		
13	Casing Spool		
14	Valves Gate <input checked="" type="checkbox"/> Plug <input checked="" type="checkbox"/>	1-13/16"	
15	Compound Pressure Gauge		
16	Flow control plug or valve	1-13/16"	
17	Line to rig mud pump manifold		2"

NOTE: Additional specifications for Air/Gas Service are given in Shell Well  
Control Manual, Appendix 5.21.

OPTIONAL			
18	Flow line connection to kill line		2"

CONFIGURATION A



### ATTACHMENT III

Perforations for second stage. Depth reference is McCullough's CBL dated 8/21/72:

11,608	11,409	11,156
11,602	11,400	11,141
11,593	11,395	11,129
11,582	11,378	11,113
11,566	11,364	11,100
11,559	11,345	11,093
11,548	11,332	11,080
11,536	11,323	11,058
11,524	11,299	11,050
11,511	11,284	11,045
11,503	11,275	11,024
11,489	11,250	11,016
11,475	11,244	10,993
11,462	11,228	10,981
11,451	11,201	11,964
11,441	11,185	10,955
11,425	11,169	

Total 150 perforations (50 depths at 3 JSPF).

# ATTACHMENT IV

## Gas Lift Valve Design

Well No 1-3B3

12-24-80 (PKD)

Valve Depth	Test Rack Set Press. @ 600F	Surface Operating Pressure	Port Size	Valve Type
3025	1376	1350	3/16"	Camco BK or Equivalent
5380	1360	1308		
7095	1345	1271		
8270	1337	1244		
9030	1330	1226		
9570	1321	1213		
10110	1311	1200		
10650	-	-		CAMCO DKO-2 (orifice w/ check) OR EQUIVALENT

### Design Data

PV = 1350

GK =  $3.221 \times 10^{-5}$

PT = 170

PTK<sub>0</sub> = 100

Datum =

Temp. Grad. for 500 BDG

Surf. 67 °F

6000 154

9000 192

12000 224

MP (12763) 231

\_\_\_\_\_

1330', 608#, K-55 to 237'  
950', 40#, K-55 to 6250'  
7" 26#, 5-95 to 11,535'

TGR3  
9530'

$$\begin{array}{r} M_1 \\ \hline 10,700' \\ TT \\ \hline 10,940' \end{array}$$

7" full bore pkr  
@ 10,700'

BT	CIBP@ 11,550'
11,880'	PERFORATED 10,786'-14,786'

PERFORATED INTERVAL  
10,786'-14,787' (625 holes)

5", 18#, N-80  
11,261' - 14,797'

Ms  
13,070' Junk @ 13,822'  
TNT (26 jts. + bg 13,841' - 14,722')  
14,020' 47 parts below junk  
PETD 14,788'  
ETD 14,800'

PETD 14,788'  
ETD 14,800'

47.381	50	\$HEETS	5 SQUARE
47.382	100	\$HEETS	5 SQUARE
47.389	200	\$HEETS	5 SQUARE

Sheet - U.S.





TGR3  
9530'

$$\begin{array}{r} M_1 \\ 10,700' \\ TT \\ \hline 10,940' \end{array}$$

7" fullbore pkr  
@ 10,700'

BT  
11,880'

PERFORATED INTERVAL  
10,786'-14,787' (1327 holes)

5", 18#, N-80  
11,261' - 14,797'

$$\begin{array}{r} M5 \\ \hline 13,070' \end{array}$$

CIBP @ 13,800' (54 perts below CIBP)  
Junk @ 13,822'  
(26 jts. + bgs 13,841' - 14,722')

$$\frac{TNT}{14,020'}$$

FTD 14,733'  
FTD 14,800'

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company ATTN: B. T. Ellison 6486 WCK.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Tx. 77001		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  965' FNL & 750' FEL Sec. 3		8. FARM OR LEASE NAME Lotridge - Gates
14. PERMIT NO. 43-013-30117		9. WELL NO. 1-3B3
15. ELEVATIONS (Show whether DF, RT, OR, etc.) KB 6011' GL 5993'		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 3 T2S R3W NE/4 NE/4
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

## COMPLETED OPERATIONS

Perforated and acid treated the Wasatch (11,657'-13,774') with 35,000 gals. 7 1/2% HCL.  
 Perforated and acid treated the Wasatch (10,955'-11,608') with 15,000 gals. 7 1/2% HCL.  
 Returned well to production. Latest test 2/4/83 Avg./Prod. 57.8 BOPD, 109.8 BWPd, and 258.2 MCF gas.

18. I hereby certify that the foregoing is true and correct

SIGNED B. T. Ellison TITLE Div. Prod. Engr. DATE February 10, 1983  
 (This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

PAGE 1

ALTAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT  
WELL HISTORY FOR WELL 410  
ISSUED 12/22/82

WELL: LOTRIDGE-GATES 1-363  
LABEL: FIRST REPORT  
AFE: 578007  
FOREMAN: KERRY THOMPSON  
RIG: MDW 19  
OBJECTIVE: PERF AND STIM  
AUTH. AMT: 185000  
DAILY COST: 2150  
CUM COST: 2150  
DATE: 10-14-82  
ACTIVITY: AFE NO 578007 AUTHORIZES FUNDS 185000 TO CO  
\*02\* PERFORATE AND STIMULATE THE WASATCH 10-14-82  
\*03\* ACTIVITY MIND REMOVE WELLHEAD AND INSTALL  
\*04\* ROP RELEASE 7 IN GIBBERSON UNI-PKR VI HAD PROBLEMS  
\*05\* RELEASING START OUT OF HOLE W/TBG AND PKR  
\*06\* SDON

LABEL: -----  
DAILY COST: 6802  
CUM COST: 8952  
DATE: 10-15 THRU 10-17-82  
ACTIVITY: 10-15-82 ACTIVITY BLEED WELL OFF FINISH POOH  
\*02\* W/PKR LAY DOWN TBG AND CAMCOS RTH W/FOUR STAR  
\*03\* 4 1/8 IN MILL AND MIRACLE TOOL TAG CIBP AT  
\*04\* 11550 FT RU POWER SWIVEL DRILL OUT CIBP  
\*05\* SCALE UNDER CIBP FELL THUR DRILL AT 11630 FT  
\*06\* RIG DOWN SWIVEL POOH ABOVE LINER TOP SDON  
\*07\* 10-16-82 ACTIVITY BLEED WELL OFF RTH W 7/10 STANDS  
\*08\* START PICKING UP TBG RIG UP POWER SWIVEL  
\*09\* AND START DRILLING DRILLED FOR 6 HRS AND  
\*10\* MADE 10 FT COULD NOT MAKE ANY HOLE RIG DOWN  
\*11\* POWER SWIVEL POOH ABOVE LINER TOP SDON  
\*12\* 10-17-82 ACTIVITY SUNDAY

LABEL: -----  
DAILY COST: 3588  
CUM COST: 12540  
DATE: 10-18 THRU 10-20-82  
ACTIVITY: 10-18-82 ACTIVITY BLEED WELL OFF FINISH POOH  
\*02\* W/MILL LAY DOWN MIRACLE TOOL BOTTOM 2 JTS FULL  
\*03\* OF CEMENT AND SCALE WASH OFF FLOOR AND RIG

PAGE 2

ALTAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT  
WELL HISTORY FOR WELL 410  
ISSUED 12/22/82

\*04\* PICK UP ANOTHER MIRACLE TOOL AND 4 7/8 IN MILL  
\*05\* TAG AT 12960 FT RD POWER SWIVEL AND DRILL FOR  
\*06\* 2 HRS FELL THUR TAG AGAIN AT 13100 FT RD  
\*07\* POWER SWIVEL POOH W/12 STANDS SDON 10-19-82  
\*08\* DAILY COST 5686 CUM COST 16226 ACTIVITY BLEED WELL OFF RIM  
\*09\* W/20 STDS RIG UP POWER SWIVEL START  
\*10\* DRILLING AT 13100 FT CLEANED OUT TO 13854 FT  
\*11\* RD POWER SWIVEL LAY DOWN 73 JTS FINISH POOH  
\*12\* LAY DOWN MIRACLE TOOL RD OWP SET CIBP AT  
\*13\* 13800 FT POOH W/OWP SDON 10-20-82 DAILY COST  
\*14\* 2213 CUM COST 20439 ACTIVITY RIM W/DUMP  
\*15\* HAILER DUMPED 25 SACKS OF CEMENT ON CIBP AT  
\*16\* 13810 FT POOH RD LUBRICATOR START PERF AT  
\*17\* 13773 FT MADE 5 RUNS O PRESS ON WELL SDON

LABEL: -----  
DAILY COST: 2213  
CUM COST: 22652  
DATE: 10-21-82  
ACTIVITY: 10-21-82 ACTIVITY: BLEED PSI OFF WELL. FINISH  
\*02\* PERF. ZERO PSI ON WELL. R.D. OWP. RIM W/MT.  
\*03\* STATES 5 INCH 16 LBS. 32 A PKR. AND PLUS 45 SEAT  
\*04\* NIPPLE 371 JTS. OF TBG. SET PKR. AT 11610 FT. W/  
\*05\* 18000 LBS. TENSION. FILLED CSG. WOULD ONLY HOLD  
\*06\* 1100 LBS. W/ RIG PUMP. STEAMED OUT CELLAR. REMOVED  
\*07\* BOP AND PUT ON 10000 LBS. TREE. S.D.O.N.

LABEL: -----  
DAILY COST: 50335  
CUM COST: 72987  
DATE: 10-22 THRU 10-24-82  
ACTIVITY: 10-22-82 ACTIVITY: R.U. NOWSCO TO ACIDIZE ACCORDING  
\*02\* TO PROG. (ACID TREAT PERFS FROM 11657 TO 13774.)  
\*03\* MAX PSI 9000 MAX. RATE 17.2 AVG PSI 7505  
\*04\* AVG RATE 13.4 ISIP 0 5 MIN 0 10 MIN 0 AT 15  
\*05\* AND 20 MIN BOTH WERE ZERO ALSO. CSG. PSI 2500 BALLS  
\*06\* 700 BAF 5000 LBS. ACID 833 FLUSH 110 BBLs TOTAL  
\*07\* 943 BBLs. R.D. NOWSCO R.U. OWP RAN RA LUG FROM  
\*08\* 11500 TO 13792 R.D. OWP S.D.O.N.  
\*09\* 10-23-82 DAILY COST 1713 CUM COST 74700  
\*10\* ACTIVITY: BLEED TBG. PSI OFF. PUMP 50  
\*11\* BBLs. WTR. DOWN TBG. REMOVE WELLHEAD AND PUT BOP

PAGE 3

ALTAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT  
WELL HISTORY FOR WELL 410  
ISSUED 12/22/82

\*12\* ON REMOVE DONUT RELEASE PKR. POOR W/PKR. LAY DOWN  
\*13\* PKR. R/H W/20 STDS. TBG. S.D.O.N. 10-24-82 SUNDAY.

LABEL: -----  
DAILY COST: 13972  
CUM COST: 88672  
DATE: 10-25 AND 10-26-82  
ACTIVITY: 10-25-82 ACTIVITY: BLEED PSI OFF WELL. POOR W/20  
\*02\* STDS. TBG. R.U. OWP SET CIBP AT 11640 FT. (PERF.  
\*03\* FROM 11600 TO 10955) 150 HOLES OWP HAD ONE MISS RUN  
\*04\* A PSI WHEN FINISHED PERF. RD OWP S.I.H. W/7 INCH 26 LBS  
\*05\* MT. STATES 32 A PKR AND PLUS 45 SEAT NIPPLE R/H W/  
\*06\* 20 STDS. S.D.O.N. 10-26-82 DAILY COST 24647 CUM.  
\*07\* COST 99347 ACTIVITY: BLEED PSI OFF WELL. FINISH  
\*08\* R/H W/PKR SET PKR. AT 10695. FILLED AND PSI TESTED  
\*09\* CSG. TO 2500 LBS. REMOVED BOP AND PUT WELLHEAD  
\*10\* ON. RIG UP NOWSCO TO ACID TREAT PERFS. ACCORDING  
\*11\* TO PROG. MAX PSI 8300 MAX RATE 14 AVG PSI 7400  
\*12\* AVG RATE 12 ISIP 4000 5 MIN 3600 10 MIN 3300  
\*13\* 15 MIN 2900 20 MIN 2600 CSG 2200 BALLS 300 BAF  
\*14\* 1500 LBS. ACID 350 BBLs. FLUSH 100 BBLs. TOTAL  
\*15\* 456 R.D. NOWSCO. S.D.O.N.

LABEL: -----  
DAILY COST: 5913  
CUM COST: 105260  
DATE: 10-27-82  
ACTIVITY: 10-27-82 ACTIVITY RD OWP RAN P/A LOG FROM  
\*02\* 11640 FT TO 10600 FT TOP 200 FT BAD TREATMENT  
\*03\* POOR W/OWP PUMP 50 BBLs WTR DOWN TBG REMOVE  
\*04\* WELLHEAD PUT BOP ON REMOVE DONUT RELEASE PKR  
\*05\* AND POOR LAY DOWN PER R/H W/4 1/8 IN MILL  
\*06\* AND MIRACLE TOOLS STAYED OUT OF LINER SOON

LABEL: -----  
DAILY COST: 1963  
CUM COST: 109556  
DATE: 10-28 THUR 10-29-82  
ACTIVITY: 10-28-82 ACTIVITY BLEED PRESS OFF WELL R/H W/TBG  
\*02\* AND TAG CIBP AT 11640 FT RD POWER SWIVEL START  
\*03\* DRILLING OUT CIBP RD POWER SWIVEL CLEAN OUT  
\*04\* TO FBTD AT 13600 FT LAY DOWN 103 JTS FINISH POOR

ALTAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT  
WELL HISTORY FOR WELL 410  
ISSUED 12/22/82

\*05\* W/MILL AND MIRACLE TOOL TBG FULL OF ACID FLAKES IN  
\*06\* BOTTOM 2 STDS START IN HOLE W/BAKER LOK SET PKR  
\*07\* AND PLUS 45 SEAT NIPPLES 8 CAMCO AND 340 JTS TBG  
\*08\* RAN 50 STDS SDON 10-29-82 ACTIVITY  
\*09\* DAILY COST 2635 CUM COST 107895  
\*10\* BLEED 500 BLS OFF WELL FINISH PIH W/PKR SET AT  
\*11\* 14705 FT W/20000 LBS TENSION LAND TBG STEAM  
\*12\* OUT CELLAR REMOVE BOP AND PUT DOWN WH ON HOOK  
\*13\* UP FLOWLINES TURN GAS TO WELL RD RIG AND  
\*14\* EQUIPT READY TO MOVE TO 1-1184 SDON

LABEL: FINAL REPORT  
CUM COST: 109858  
DATE: 10-31 THRU 11-7-82  
ACTIVITY: THE RIG MOVED OFF THIS LOCATION ON 10-29-82.  
\*02\* THE FOLLOWING TEST DATA IS FOR 24HRS. UNLESS STATED  
\*03\* OTHERWISE. THE TBG AND INJ. CHOKES STAYED  
\*04\* THE SAME THRU THE TEST. 10-31-82 216 OIL 174 WTR  
\*05\* 666 MCF GAS 598 INJ. 40 TBG CHOKE 7 INJ CHOKE  
\*06\* 300 TBG PSI. 11-1-82 142 OIL 217 WTR 640 MCF GAS  
\*07\* 557 INJ 300 TBG PSI 11-2-82 144 OIL 214 WTR  
\*08\* 710 MCF GAS 573 INJ. 300 TBG PSI 11-3-82 114 OIL  
\*09\* 217 WTR 610 MCF GAS 465 INJ. 125 TBG PSI 11-4-82  
\*10\* 118 OIL 216 WTR 811 MCF GAS 550 INJ. 250 TBG PSI  
\*11\* 11-5-82 122 OIL 190 WTR 832 MCF GAS 524 INJ.  
\*12\* 100 TBG PSI 11-6-82 108 OIL 196 WTR 973 MCF GAS 479  
\*13\* INJ. 100 TBG PSI 11-7-82 125 OIL 237 WTR  
\*14\* 948 MCF GAS 519 INJ. 100 TBG PSI  
\*15\* THIS IS A FINAL REPORT ON THIS LOCATION.

## Shell Oil Company



P.O. Box 831  
Houston, Texas 77001

December 30, 1983

Mr. Norm Stout  
State of Utah  
Natural Resources  
Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Dear Mr. Stout:

TRANSFER OF OWNERSHIP AND ASSETS  
FROM SHELL OIL COMPANY TO  
SHELL WESTERN E&P INC.  
STATE OF UTAH

In accordance with our recent conversation, the purpose of this letter is to reduce to writing that Shell Western E&P Inc. ("SWEPI"), a subsidiary of Shell Oil Company, has been formed. Shell Western E&P Inc. is a Delaware corporation with its offices located at 200 North Dairy Ashford Road in Houston, Texas. The mailing address is P. O. Box 831, Houston, TX 77001.

Effective January 1, 1984, Shell Oil Company will transfer portions of its oil and gas operations to Shell Western E&P Inc. and Shell Western E&P Inc. will assume all of the rights, interests, obligations and duties which Shell Oil Company currently has as a result of its exploration, development and production operations in the State of Utah.

As you are aware, Shell Oil Company is currently the holder of various permits and agency authorizations. In view of the fact that Shell Western E&P Inc. will assume all of the liabilities and obligations of Shell Oil Company's exploration and production activities within the state, we respectfully request that you transfer all permits or other authorizations from Shell Oil Company to Shell Western E&P Inc., effective January 1, 1984.

To support this request, a copy of the power of attorney appointing the undersigned as Attorney-in-Fact for Shell Western E&P Inc. is enclosed. On behalf of Shell Western E&P Inc., enclosed are recently issued Bond No. Shell 1835 and Bond No. Shell 1841. The bonds were issued by the Insurance Company of North America. In the near future, I shall request that the existing Shell Oil Company bonds be released.

It is my understanding, pursuant to our prior discussion, that this letter will comply with your requirement regarding the change in the name of the permittee.

Sufficient copies of this letter are being provided to your office so that a copy can be placed in each appropriate file. A listing of active wells is enclosed. Thank you in advance for your cooperation in this matter.

Yours very truly,

*G. M. Jobe*

G. M. Jobe  
Administrator, Regulatory-Permits  
Rocky Mountain Division  
Western E&P Operations

GMJ:beb

Enclosures



## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

UTEX OIL CO.  
% SHELL WESTERN E&P INC.

Utah Account No. N10410 N0840

PO BOX 576  
HOUSTON TX 77001  
ATTN: P.T. KENT, OIL ACCT.

Report Period (Month/Year) 8 / 84

Amended Report ☐

Well Name	Producing	Days	Production Volume			
API Number	Entity	Location	Zone	Oper	Oil (BBL)	Gas (MSCF)
POTTER 1-14B5						
4301330127 01665 02S 05W 14	WSTC	0	0		0	0
LOTRIDGE GATES FEE 1-3B3						
4301330117 01670 02S 03W 3	GR-WS	21	696		0	2417
SHELL FEE 1-09B5						
4301330121 01675 02S 05W 9	WSTC	0	0		0	0
BROTHERSON 1-33A4						
4301330272 01680 01S 04W 33	GR-WS	31	1256		1866	3322
CHANDLER 1-05B4						
4301330140 01685 02S 04W 5	WSTC	12	231		491	2813
ENRYCH 1-11B5						
4301330157 01690 02S 05W 11	WSTC	23	129		946	1709
ELLSWORTH 1-17B4						
4301330126 01695 02S 04W 17	WSTC	28	4743		4853	5110
UTE UNIT 1-01B4						
4301330129 01700 02S 04W 1	WSTC	22	759		738	6891
REEDER 1-17B5						
4301330218 01710 02S 05W 17	WSTC	31	1093		149	7835
UTE UNIT 1-22B5						
4301330134 01715 02S 05W 22	WSTC	20	273		1171	1883
ROBB 1-29B5						
4301330135 01720 02S 05W 29	WSTC	31	1179		3430	5074
REXINGTON 1-34A3						
4301330139 01725 01S 03W 34	WSTC	31	1638		2297	6963
POTTER 1-24B5						
4301330356 01730 02S 05W 24	WSTC	11	66		511	430
TOTAL					12063	16452
						44447

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

9-28-84

Authorized signature

Telephone

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

ANR Limited Inc.

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

See attached list

RECEIVED  
DEC 31 1986DIVISION OF  
OIL, GAS & MINING

14. PERMIT NO.

43-013-30117

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other) - Change Operator

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

X

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

ANR Limited has been elected successor Operator to Utex Oil Company  
on the oil wells described on the attached Exhibit "A".

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

ANR Limited Inc.

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

965' FNL & 750' FEL

14. PERMIT NO.

43-013-30117

15. ELEVATIONS (Show whether SF, RT, GR, etc.)

5993' GL

5. LEASE DESIGNATION AND SERIAL NO.

Patented

POW-GRA-S

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

121117

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lotridge-Gates

9. WELL NO.

1-3B3

10. FIELD AND POOL, OR WILDCAT

Altamont

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA  
(NENE)

Sec. 3-T2S-R3W

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐

PULL OR ALTER CASING

☐

FRACTURE TREAT

☐

MULTIPLE COMPLETE

☐

SHOOT OR ACIDIZE

☐

ABANDON\*

☐

REPAIR WELL

☐

CHANGE PLANS

☐

(Other) Convert to rod pump

☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

REPAIRING WELL

☐

FRACTURE TREATMENT

☐

ALTERING CASING

☐

SHOOTING OR ACIDIZING

☐

ABANDONMENT\*

☐

(Other)

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Convert well from gas lift to rod pump.

18. I hereby certify that the foregoing is true and correct.

SIGNED

Brenda W. Swank

TITLE

Assoc. Regulatory Analyst

DATE

12/3/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UTAH  
NATURAL RESOURCES  
Oil Gas & Mining355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. (801-538-5340)Page 3 of 10

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• ANR LIMITED INC./COASTAL  
P O BOX 749  
DENVER CO 80201 0749  
ATTN: RANDY WAHL

Utah Account No. N0235Report Period (Month/Year) 11 / 87Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
FARNSWORTH #2-12B5							
4301331115	01646 02S 05W 12		WSTC				
UTE TRIBAL 1-20B5							
4301330376	01650 02S 05W 20		WSTC				
ELLSWORTH 1-08B4							
4301330112	01655 02S 04W 8		WSTC				
ELLSWORTH 1-09B4							
4301330118	01660 02S 04W 9		WSTC				
POTTER 1-14B5							
4301330127	01665 02S 05W 14		WSTC				
LOTRIDGE GATES FEE 1-3B3							
4301330117	01670 02S 03W 3		GR-WS				
SHELL TEW 1-09B5							
4301330121	01675 02S 05W 9		WSTC				
BROTHERSON 1-33A4							
4301330212	01680 01S 04W 33		WSTC				
CHANDLER 1-05B4							
4301330140	01685 02S 04W 5		WSTC				
EHRICH 1-11B5							
4301330157	01690 02S 05W 11		WSTC				
EHRICH #3-11B5							
4301331080	01691 02S 05W 11		WSTC				
ELLSWORTH 1-17B4							
4301330126	01695 02S 04W 17		WSTC				
ELLSWORTH #2-17B4							
4301331089	01696 02S 04W 17		WSTC				
TOTAL							

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

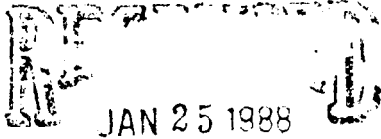
Authorized signature

Telephone



**ANR Production Company**  
a subsidiary of The Coastal Corporation

612712



DIVISION OF  
OIL, GAS & MINING

January 19, 1988

Natural Resources  
Oil, Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company.

N0675 ←

N0235

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

  
Roger W. Sparks  
Manager, Crude Revenue Accounting

The computer shows the  
ANR Limited wells listed  
under account no. N0235.  
DTS  
1-26-88

CC: AWS

CTE:mmw

Lisha,

I don't see any problem w/this.  
I gave a copy to Arlene so  
she could check on the bond  
situation. She didn't think this  
would affect their bond as the  
bond is set up for Coastal  
and its subsidiaries (ANR, etc.)  
No Entity Number changes are  
necessary. DTS 1-26-88

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back, to a different formation.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐  
2. NAME OF OPERATOR  
ANR Production Company

3. ADDRESS OF OPERATOR  
P.O. Box 749, Denver, Colorado 80201-0749 OIL GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

965' FNL & 750' FEL

14. PERMIT NO.  
43-013-30117

15. ELEVATIONS (Show whether DF, ST, GR, etc.)  
5993' GL

5. LEASE DESIGNATION AND SERIAL NO.

Patented *POW/GR-WS*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

030303

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lotridge-Gates

9. WELL NO.

1-3B3

10. FIELD AND POOL, OR WILDCAT

Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA (NE NE)

Section 3-T2S-R3W

12. COUNTY OR PARISH 13. STATE  
Duchesne Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PULL OR ALTER CASING

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANE

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1/11/88-1/25/88:

- 1) Repair casing leak @ 7550'-7635'.
- 2) Perf squeeze holes @ 7635'.
- 3). Cement 7" casing w/600 sx. cement.
- 4) Acidized Wasatch perfs 13,810'-14,787' w/30,000 gallons 15% HCL w/additives and ball sealers.
- 5) Returned well to production 1/25/88.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Brenda W. Swank*  
Brenda W. Swank

TITLE Associate Regulatory Analyst DATE 2-22-88

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRI  
(Other instructi  
verse side)

CATE  
9B 7C

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		2. NAME OF OPERATOR ANR Production Company		3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 965' FNL & 750' FEL		5. LEASE DESIGNATION AND SERIAL NO. Patented POW/BR-WS 030303		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Lotridge-Gates		9. WELL NO. 1-3B3		10. FIELD AND POOL, OR WILDCAT Altamont		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA (NE NE) Section 3-T2S-R3W		12. COUNTY OR PARISH Duchesne		13. STATE Utah	
14. PERMIT NO. 43-013-30117				15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5993' GL																					

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF  
FRACTURE TREAT  
SHOOT OR ACIDIZE  
REPAIR WELL  
(Other)

PULL OR ALTER CASING  
MULTIPLE COMPLETE  
ABANDON\*  
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF  
FRACTURE TREATMENT  
SHOOTING OR ACIDIZING  
(Other) Rod pump conversion

REPAIRING WELL  
ALTERING CASING  
ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

2/3/88 - 2/11/88; Converted well from gas lift to rod pump.

18. I hereby certify that the foregoing is true and correct

SIGNED

Brenda W. Swank

TITLE Associate Regulatory Analyst DATE 2-22-88

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
ANR Production Company

3. Address and Telephone No.  
P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
965' FNL & 750' FEL  
Section 3, T2S-R3W

5. Lease Designation and Serial No.

Patented

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Lotridge-Gates #1-3B3

9. API Well No.

43-013-30117

10. Field and Pool, or Exploratory Area

Altamont

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Clean out and acidize

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached procedure to clean out and acidize the above-referenced well.

2-24-92  
*JM Matthews*

REGISTERED

FEB 21 1992

DIVISION OF  
OIL & GAS MINING

14. I hereby certify that the foregoing is true and correct

Signed

*Eileen Damm Day*

Title Regulatory Analyst

Date 2/18/92

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



## STIMULATION PROCEDURE

Lotridge Gates #1-3B3  
Altamont Field  
Duchesne County, Utah

### WELL DATA

Location: 1320' FNL & 1320' FEL  
Elevation: 5993' GL, 6011' KB  
Total Depth: 14,800' PBD: 13,800'  
Casing: 13-3/8", 68#, K-55 set @ 237'.  
9-5/8", 40#, K-55 set @ 6250'.  
7", 26#, S-95 set @ 11535'.  
5", 18#, N-80 set 11261-14,797'.  
Tubing: 2-7/8", 6.5#, N-80 set @ 10,464' w/B-2 anchor catcher

### TUBULAR DATA

Description	ID	Drift	B/F Capacity	psi Burst	psi Collapse
7", 26#, S-95	6.276"	6.151	.0382	8600	7600
5", 18#, N-80	4.276"	4.151	.0177	10140	10490
2-7/8", 6.5#, N-80	2.441"	2.347	.00579	10570	11160

Present Status: Producing on beam pump with 93' of fish consisting of a gas anchor, 1 joint tubing, perforated joint, B-2 anchor catcher, and 5-3/4" washpipe shoe down around gas anchor.

Note: Casing leak repaired at 7550-7635'.

### PROCEDURE

1. MIRU service rig. Kill well. POOH with rods, pump and tubing.
2. P. U. 5-3/4" wash pipe with 6" OD skirt and 4-1/2" grapple and TIH. Wash over fish and retrieve tubing, gas anchor, and washpipe shoe. Release tubing anchor and POOH laying down fish.
3. If unable to proceed satisfactorily with washpipe pick up 6" metal muncher w/heavy external protection and TIH. Mill on tubing until fish can be retrieved with overshot and grapple.
4. P. U. 4-1/8" bit on 2-3/8 X 2-7/8" tubing and TIH cleaning out to  $\pm 13,810$ . POOH laying down bit.
5. P. U. 5" X 2-7/8" treating packer on 2-7/8" X 3-1/2" tubing and TIH to 11350' and set packer. Pressure annulas to 2500 psi.
6. Acidize Wasatch perfs 10,786-13,810' with 40,000 gals 15% HCl with additives and 1800 1.1 s.g. ball sealers.
  - A. Precede acid w/250 bbls water w/10 gal per 1000 scale inhibitor and 500 gals Xylene.
  - B. All water to contain 3% KCl.
  - C. Acidize in 10 stages of 4000 gals each with diverter stages of 1500 gals gelled

saltwater with 1/2#/gal each of Benzoic acid flakes and rock salt.

D. The acid will be pumped at highest rate possible at 8000 psi treating pressure.

E. All fluids to be pumped at 150°F.

7. Flow back acid load until  $\text{pH} \geq 5.0$ . Unseat pkr and POOH, laying down tubing and packer.

8. Rerun production equipment and return well to production.

W<sup>2-11</sup>

Description of Fish in Hole  
 Lotridge Gates 1-3B3  
 Altamont Field  
 Duchesne County, Utah

95/8", 40#, K-55  
 set @ 6250'

T.O. Liner @ 11,292

7", 26#, S-95  
 set @ 11,535'

4 1/2" Gas Anchor

5 3/4" Washpipe shoe

1 Jt. Tubing

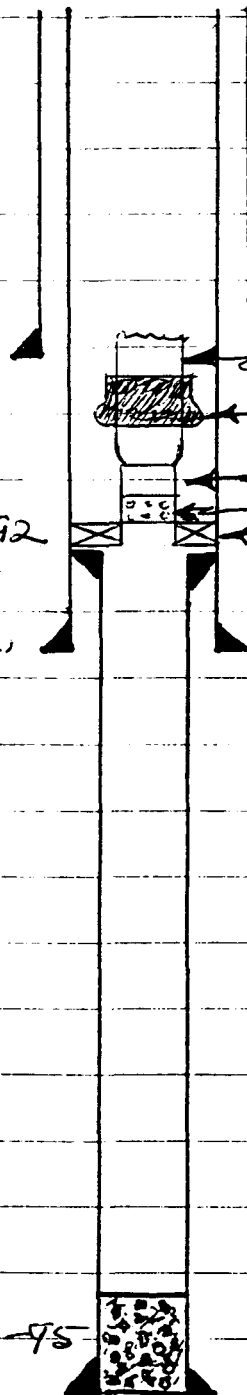
1 Jt. Tubing w/ perforations

7" Tubing Anchor

5", 18#, N-80 & S-95  
 set @ 14,800'

P.B.D. - 13,800'

T.D. - 14,800'



Lot Ridge Gates #1-3B3

Altamont Field

Duchesne County, Utah

(11-20-91) V.G.

13<sup>3</sup>/<sub>8</sub>" 68<sup>#</sup> K-55  
set @ 237'

9<sup>5</sup>/<sub>8</sub>" 40<sup>#</sup> K-55  
set @ 6250'

To Liner 11261'  
7" 26<sup>#</sup> S-95  
set @ 11535'

2<sup>7</sup>/<sub>8</sub>" 6.5<sup>#</sup> N-80 set  
@ 10,464' w/ B-2 Anchor

Perforations - 10786'-  
13810' / Total 1273 hoks.

CIBP @ 13810'  
PBTD - 14788'

5" 18<sup>#</sup> N-80,  
set @ 14797'

TD - 14800'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

1. Name of Operator

ANR Production Company

2. Address and Telephone No.

P.O. Box 749 Denver, CO 80201-0749 (303) 573-4476

3. Location of Well (Footage, Sec., T., R., M., or Survey Description)

965' FNL & 750' FEL  
Section 3, T2S, R3W

5. Lease Designation and Serial No.  
Patented

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA, Agreement Designation  
N/A

8. Well Name and No.  
Lotridge-Gates #1-3B3

9. API Well No.  
43-013-30117

10. Field and Pool, or Exploratory Area  
Altamont

11. County or Parish, State  
Duchesne County, Utah

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Clean out & acidize

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

4. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please see the attached chronological history for the clean out and acid treatment performed on the above-referenced well.

RECEIVED

SEP 09 1992

DIVISION OF  
OIL GAS & MINING

5. I hereby certify that the foregoing is true and correct

Signed Heleen Denny Day Title Regulatory Analyst

Date 9/3/92

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

LOTRIDGE GATES #1-3B3 (CLEANOUT & ACIDIZE)  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH  
WI: 90.0000% ANR AFE: 63924  
TD: 14,800' PBD: 13,800'  
5" LINER FROM 11,261'-14,797'  
PERFS: 10,786'-13,810' (WASATCH)  
CWC(M\$): 150.7

PAGE 5

5/18/92 POOH w/rods & pump. MIRU.  
DC: \$863 TC: \$863

5/19/92 Prep to TIH w/fishing tools. Stand back rods. Release TAC & SOH  
w/2-7/8" tbg.  
DC: \$3,204 TC: \$4,067

5/20/92 Continue fishing operations. RIH w/6-1/8" mill shoe, 1 jt 5-3/4"  
wash pipe, bumper sub, jars & 6 - 4-3/4" DC's. Tag fish @ 11,225'.  
Mill over fish to 11,236'.  
DC: \$6,540 TC: \$10,607

5/21/92 Cont milling on fish. Tag fish @ 11,225'. Mill over fish to  
11,239'.  
DC: \$5,329 TC: \$15,936

5/22/92 TFNB. Bled 400 psi off tbg. RIH w/16 jts tbg, tagged fish @  
11,239'. RU power swivel, washover fish to 11,239.5', unable to get  
deeper. RD drilling equip. POOH w/tbg & BHA. Washover shoe was  
worn out. Left well open to flowline. SDFN @ 5:00 p.m.  
DC: \$4,576 TC: \$20,512

5/26/92 RIH w/15 jts tbg. RIH w/6-1/8" washover shoe, 1 jt 5-3/4" washpipe,  
BS, jars, 6 - 4-3/4" DC's and 353 jts tbg. Tagged fish @ 11,239.5'.  
RU drlg equip. Milled over fish to 11,240.5'. RD power swivel.  
POOH w/15 jts tbg, shoe @ 10,709'. Left well open to flowline. SDFN  
@ 5:00 p.m.  
DC: \$5,891 TC: \$26,403

5/27/92 Mill over fish. RIH w/15 jts tbg, tagged fish @ 11,240.5'. RU power  
swivel. Milled over fish to 11,248'. Crossover sub, between power  
swivel & TIW valve, parted. Dropped tbg, TIW valve stopped on top of  
packoff. Order out overshot & PU tbg. LD TIW valve and overshot.  
POOH w/15 jts 2-7/8" tbg, shoe @ 10,709'. Left well open to  
flowline. SDFN @ 6:00 p.m.  
DC: \$5,300 TC: \$31,703

5/28/92 POOH w/tbg. RIH w/15 jts 2-7/8" tbg, tagged fish @ 11,229'. RU  
power swivel. Rotated over fish to 11,248'. Milled over fish to  
11,251', unable to get any deeper. RD drlg equip. POOH w/27 stds  
tbg. Left well open to flowline. SDFN @ 5:00 p.m.  
DC: \$5,622 TC: \$37,325

5/29/92 RIH w/15 jts 2-7/8" tbg. POOH w/149 stds tbg & BHA. Had 16' of fish  
stuck in washpipe. Pulled fish out of WP. RIH w/new 6-1/8" shoe, 1  
jt 5-3/4" WP, BS, jar, 6 - 4-3/4" DC's & 169 stds tbg, shoe @  
10,709'. Left well open to flowline. SDFN @ 4:00 p.m.  
DC: \$3,938 TC: \$41,263

6/1/92 RIH w/15 jts tbg, RU power swivel. RIH w/15 jts tbg, tagged fish @  
11,251'. RU power swivel. Filled hole w/235 BW, circ. Milled over  
fish to 11,259'. PU on tbg & lost 8'. Milled back down to 11,257'.  
RD power swivel. POOH w/16 jts tbg, shoe @ 10,709'. Left well open  
to flowline. SDFN @ 5:00 p.m.  
DC: \$5,426 TC: \$46,689

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

LOTRIDGE GATES #1-3B3 (CLEANOUT & ACIDIZE)  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH  
WI: 90.0000% ANR     AFE: 63924

PAGE 6

6/2/92     Mill over fish. RIH w/15 jts tbg, tagged fish @ 11,257'. RU power swivel. Milled over fish to 11,258.5'. PU off btm w/shoe. Circ hole for 4 hrs while waiting on mud sweep to get to loc. Pmpd mud sweep down csg & up tbg. Did not get back any cuttings. RD power swivel. POOH w/16 jts tbg, shoe @ 10,709'. Left well open to flowline. SDFN @ 5:00 p.m.  
DC: \$4,783     TC: \$51,472

6/3/92     POOH w/tbg. RIH w/16 jts tbg, tagged fish @ 11,258.5'. RU power swivel. Milled over fish to 11,262', unable to get deeper. RD drlg equip. POOH w/80 stds tbg. Changed out drill line. SDFN @ 7:00 p.m.  
DC: \$4,550     TC: \$56,022

6/4/92     RIH w/16 jts tbg. POOH w/194 jts tbg & BHA. Had part of fish stuck in WP. RIH w/new shoe, WP, BS, jars, DC's & tbg. Tagged fish @ 11,260'. RU drlg equip. Milled over fish to 11,267'. RD power swivel. POOH w/16 jts tbg, shoe @ 10,709'. SDFN @ 6:00 p.m.  
DC: \$4,975     TC: \$60,997

6/5/92     POOH w/tbg. RIH w/16 jts tbg, tagged fish @ 11,267'. RU power swivel. Milled over fish to 11,273', unable to get deeper. RD drlg equip. POOH w/81 stds tbg, SDFN @ 5:00 p.m.  
DC: \$4,433     TC: \$65,430

6/6/92     RIH w/9 stds tbg. POOH w/96 stds tbg & BHA. Had  $\pm 12'$  of milled over fish stuck in WP (perf jt & plain jt tbg). Had to beat fish out of WP. RIH w/new shoe, WP, BS, jars, DC's & 108 stds tbg. Sheared bolt in main drive chain sprocket. Repair rig. RIH w/60 stds tbg. SDFN @ 5:30 p.m.  
DC: \$4,048     TC: \$69,478

6/7/92     RIH w/new shoe. RIH w/9 stds tbg, tagged fish @ 11,273'. RU drlg equip. Milled over fish to 11,278', unable to get deeper. RD drlg equip. POOH w/tbg & BHA. Had  $\pm 4'$  of fish stuck in WP (perf jt & plain jt tbg). Beat fish out of WP. SDFN @ 5:00 p.m.  
DC: \$5,308     TC: \$74,786

6/8/92     POOH w/tbg, TFNB. RIH w/new shoe, WP, BS, jars, DC's & tbg. Tagged fish @ 11,278'. RU drlg equip. Milled over fish to 11,281'. Unable to get deeper. RD drlg equip. POOH w/45 stds tbg. SDFN @ 5:00 p.m.  
DC: \$5,264     TC: \$80,050

6/9/92     RIH w/17 jts tbg. POOH w/tbg & BHA. Had  $\pm 1'$  fish in WP. Beat fish out of WP. RIH w/new shoe, WP, BS, jars, DC's and tbg. Tagged fish @ 11,279'. RU drlg equip. Milled over fish to 11,282'. RD power swivel. POOH w/17 jts tbg. SDFN @ 6:30 p.m.  
DC: \$5,105     TC: \$85,155

6/10/92     RIH w/tbg. Bled 350 psi off tbg. RIH w/17 jts tbg, tagged fish @ 11,279'. RU power swivel. Milled over fish to 11,281', unable to get deeper. RD drlg equip. POOH w/tbg & BHA. RIH w/6-1/8" x 5-3/8" shoe, 1 jt 6" WP, BS, jars, DC's & 97 stds tbg. SDFN @ 6:00 p.m.  
DC: \$4,940     TC: \$90,095

6/11/92     POOH w/tbg. RIH w/tbg, tagged fish @ 11,279'. RU drlg equip. Milled over fish to 11,281', unable to get deeper. RD drlg equip. POOH w/90 stds tbg. SDFN @ 5:00 p.m.  
DC: \$5,344     TC: \$95,439

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

LOTRIDGE GATES #1-3B3 (CLEANOUT & ACIDIZE)  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH  
WI: 90.0000% ANR AFE: 63924

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6/12/92 RIH w/new shoe (6-1/8" x 3-21/32"). POOH w/tbg & BHA. Show looked like we were milling on tbg anchor. Had to have 6-1/8" x 3-21/32" shoe built. Tighten bolts on drive chain sprocket. SDFN @ 10:30 a.m.  
DC: \$2,789 TC: \$98,228

6/13/92 POOH w/tbg. RIH w/6-1/8" x 3-21/32" shoe, 8' WP, BS, new jars, DC's & tbg. Tagged fish @ 11,277'. RU drlg equip. Milled over fish to 11,281'. Worked shoe up & down over fish until it was smooth. RD drlg equip. POOH w/160 stds tbg. SDFN @ 5:00 p.m.  
DC: \$5,348 TC: \$103,576

6/14/92 WO orders. POOH w/tbg & BHA. RIH w/5-3/4" overshot w/3-21/32" grapple, 8' WP, BS, jars, DC's & tbg. Tagged fish @ 11,280'. RU power swivel. Worked overshot down over fish. Latched onto fish @ 11,281'. RD power swivel. Set jars off 8 times @ 20,000# to 30,000# over string weight. Fish came free. POOH w/tbg, BHA & fish (left anchor body & slips in hole). SDFN @ 5:00 p.m.  
DC: \$4,515 TC: \$108,091

6/15/92 POOH w/tbg. Order out 6-1/8" bladed mill & 6-1/8" stabilizer. RIH w/6-1/8" bladed mill, 6-1/8" stabilizer, jars, DC's & tbg. Tagged top of anchor body @ 11,281'. RU drlg equip. Milled 18" (anchor body). RD drlg equip. POOH. LD 12 jts tbg. POOH w/55 stds tbg. SDFN @ 5:00 p.m.  
DC: \$5,518 TC: \$113,609

6/16/92 RIH w/tbg. POOH w/tbg. LD BHA. Changed equip over to 2-3/8". Tally, PU & RIH w/4-Star cleanout tool & 86 jts 2-3/8" tbg. Changed equip over to 2-7/8". RIH w/275 jts 2-7/8" tbg, tagged 5" LT @ 11,282'. Run mill up & down thru LT 3 times. POOH w/1 std 2-7/8" tbg. SDFN @ 5:00 p.m.  
DC: \$2,809 TC: \$116,418

6/17/92 WO orders. Bled 100 psi off well. RIH w/78 jts 2-7/8" tbg, tagged fill @ 13,766'. RU drlg equip. Cleaned out hard fill to 13,779'. RD drlg equip. POOH w/2-7/8" tbg. Changed equip over to 2-3/8". POOH w/2-3/8" tbg, cleanout tool & mill. SDFN @ 7:00 p.m.  
DC: \$4,452 TC: \$120,870

6/18/92 RU rod equip. RIH w/43 stds 2-3/8" tbg. POOH. LD 86 jts 2-3/8" tbg. Changed equip over to 2-7/8". RIH w/BHA & tbg. ND BOP. Set tbg anchor @ 10,470'. Landed tbg on hanger w/21,000# tension. NU WH. RD tbg equip. SDFN @ 5:30 p.m.  
DC: \$4,301 TC: \$125,171

6/19/92 Well on production. RU rod equip. RIH w/15 rods. POOH. LD 9 - 3/4" rods w/worn boxes & 6 - 1" rods w/ worn guides. RIH w/new pump & rods. Spaced out & seat pump. Install horses head & hung off rods. Fill tbg w/46 BW. PT tbg to 500 psi, hled. Bled press off. Flush flowline w/20 bbls 260° wtr. RD rig & equip. Start pmpg unit. Clean trash off loc.  
DC: \$12,920 TC: \$138,091

6/19/92 Pmpd 20 BO, 51 BW, 39 MCF/12 hrs.

6/20/92 Pmpd 40 BO, 174 BW, 111 MCF.

6/21/92 Pmpd 44 BO, 180 BW, 136 MCF.

6/22/92 Pmpd 46 BO, 180 BW, 136 MCF.



THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

LOTRIDGE GATES #1-3B3 (CLEANOUT & ACIDIZE)  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH  
WI: 90.0000% ANR      AFE: 63924

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6/23/92	Pmpd 42 B0, 179 BW, 136 MCF.
6/24/92	Pmpd 40 B0, 182 BW, 138 MCF.
6/25/92	Pmpd 37 B0, 191 BW, 138 MCF.
6/26/92	Pmpd 41 B0, 205 BW, 138 MCF.
6/27/92	Pmpd 26 B0, 180 BW, 138 MCF.
6/28/92	Pmpd 26 B0, 156 BW, 138 MCF.
6/29/92	Pmpd 24 B0, 160 BW, 159 MCF.
6/30/92	Pmpd 24 B0, 167 BW, 138 MCF.

Drop from report temporarily. Awaiting AFE revision.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells; deepen existing wells; or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT—for such proposals.

6. Lease Designation and Serial Number Patented
7. Indian Allottee or Tribe Name N/A
8. Unit or Communitization Agreement N/A
9. Well Name and Number Lotridge Gates 1-3B3
10. API Well Number 43-013-30117
11. Field and Pool, or Wildcat Altamont

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)	2. Name of Operator ANR Production Company	3. Address of Operator P.O. Box 749    Denver, CO 80201-0749	4. Telephone Number (303) 573-4476
5. Location of Well Footage : 965' FNL & 750' FEL QQ. Sec. T. R. M. : NE/NE Section 3, T2S, R3W		County : Duchesne State : UTAH	

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input checked="" type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate Date Work Will Start _____	Date of Work Completion <u>9/14/92</u>

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
Must be accompanied by a cement verification report.

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the cleanout and acid job performed on the above-referenced well.

007 16 1992

SECTION OF  
CLEANOUT & ACID

I hereby certify that the foregoing is true and correct

Name & Signature Eileen Danner Day Title Regulatory Analyst Date 10/13/92

Date Use Only)

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

LOTTRIDGE GATES #1-3B3 (CLEANOUT & ACIDIZE)  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH  
WI: 90.0000% ANR AFE: 64173  
TD: 14,800'  
5" LINER FROM 11,261'-14,797'  
PERFS: 10,786'-14,787' (WASATCH)  
CWC(M\$): 99.5

PAGE 9

9/8/92 Pull tbq. MIRU. Rods parted. POOH w/111 - 1", 119 - 7/8", 33 - 3/4". Pin break @ 6575'. Fish rods & pump.  
DC: \$3,525 TC: \$3,525

9/9/92 PU 3-1/2". ND WH, NU BOP. Unseat anchor, POOH w/332 jts 2-7/8" tbq, Poor Boy GA & 7" anchor. PU 7" Mtn States HD pkr & 110 jts 3-1/2" tbq.  
DC: \$5,705 TC: \$9,230

9/10/92 Prep to acidize. Continue PU 245 jts (355 total) 3-1/2" tbq, set pkr w/35,000# compression @ 10,667'. Pump down csg w/280 bbls & PT to 2000 psi, held.  
DC: \$3,804 TC: \$13,034

9/11-12/92 Unset pkr, POOH, LD 3-1/2" tbq. RU Halliburton & acidize perfs 10,786'-13,810' w/40,000 gal 15% HCl w/add, 100 bbls condensate, BAF, rock salt, 1800 - 1.1 ball sealers. MTP 9000 psi, MTR 32 BPM, ATP 8500 psi, ATR 22 BPM. ISIP 2200 psi, 5 min - 0 press. Made 12 swab trips. IFL @ 8000', FFL @ 9000'. Rec 82 BF acid cut wtr, trace oil, pH 4 last 2 trips. Rls pkr & POOH w/3-1/2" tbq.  
DC: \$56,250 TC: \$69,284

9/14/92 Well on pump production. Open well, blow down. PU 7" anchor w/carbide & PBGA. Set anchor @ 10,434', land tbq w/20,000# tension. Change out equip to rods. Flush tbq w/75 bbls hot oiler. PU 2-1/2 x 1-1/2" pump, prime. RIH w/1 - 2 x 1 pony w/Patco guides, 12 - 1", 169 - 3/4", 119 - 7/8", 111 - 1", 1 - 2 x 1 pony. PU polish rod. RIH. Found tag. Fill tbq w/40 bbls, hung HH. Hung polish rod 68" off tag. Stroke unit to 750 psi, bled press. Leave unit pmpg 6:00 p.m.  
DC: \$9,355 TC: \$78,639

9/14/92 Pmpd 8 BO, 104 BW, 104 MCF/12 hrs.

9/15/92 Pmpd 33 BO, 188 BW, 104 MCF.

9/16/92 Pmpd 34 BO, 187 BW, 236 MCF.

9/17/92 Pmpd 34 BO, 219 BW, 222 MCF.

9/18/92 Pmpd 39 BO, 199 BW, 222 MCF.

9/19/92 Pmpd 30 BO, 205 BW, 222 MCF.

9/20/92 Pmpd 34 BO, 188 BW, 249 MCF.

9/21/92 Pmpd 40 BO, 187 BW, 249 MCF.

9/22/92 Pmpd 39 BO, 189 BW, 249 MCF.

9/23/92 Pmpd 37 BO, 187 BW, 249 MCF, 8 SPM.

9/24/92 Pmpd 40 BO, 192 BW, 272 MCF, 9.2 SPM.

Prior prod: 10 BO, 180 BW, 156 MCF. Final report.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT — for such proposals.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number Patented
2. Name of Operator ANR Production Company		7. Indian Allottee or Tribe Name N/A
3. Address of Operator P.O. Box 749 Denver, CO 80201-0749		8. Unit or Communitization Agreement N/A
4. Telephone Number (303) 573-4476		9. Well Name and Number Lotridge Gates 1-3B3
5. Location of Well Footage 965' FNL & 750' FEL CO. Sec. T. R. M. NE/NE Section 3, T2S, R3W		10. API Well Number 43-013-30117
		11. Field and Pool, or Wildcat Altamont
County : Duchesne State : UTAH		

## CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                   |   |

Approximate Date Work Will Start \_\_\_\_\_

### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |  |
|--|--|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction            |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing        |
| <input type="checkbox"/> Change of Plans         | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare               |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off              |
| <input type="checkbox"/> Other                   |  |

Date of Work Completion 9/14/92

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
Must be accompanied by a cement verification report.

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the cleanout and acid job performed on the above-referenced well.

RECEIVED

MAR 01 1993

DIVISION OF  
OIL GAS & MINING

I hereby certify that the foregoing is true and correct

Name & Signature

(Use Only)

Title Regulatory Analyst Date 10/13/92

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

LOTRIDGE GATES #1-3B3 (CLEANOUT & ACIDIZE)  
ALTAMONT/BLUEBELL FIELD

PAGE 9

DUCHESNE COUNTY, UTAH

WI: 90.0000% ANR AFE: 64173

TD: 14,800'

5" LINER FROM 11,261'-14,797'

PERFS: 10,786'-14,787' (WASATCH)

CWC(M\$): 99.5

- 9/8/92 Pull tbg. MIRU. Rods parted. POOH w/111 - 1", 119 - 7/8", 33 - 3/4". Pin break @ 6575'. Fish rods & pump.
- 9/9/92 PU 3-1/2". ND WH, NU BOP. Unseat anchor, POOH w/332 jts 2-7/8" tbg, Poor Boy GA & 7" anchor. PU 7" Mtn States HD pkr & 110 jts 3-1/2" tbg.
- 9/10/92 Prep to acidize. Continue PU 245 jts (355 total) 3-1/2" tbg, set pkr w/35,000# compression @ 10,667'. Pump down csg w/280 bbls & PT to 2000 psi, held.
- 9/11-12/92 Unset pkr, POOH, LD 3-1/2" tbg. RU Halliburton & acidize perfs 10,786'-13,810' w/40,000 gal 15% HCl w/add, 100 bbls condensate, BAF, rock salt, 1800 - 1.1 ball sealers. MTP 9000 psi, MTR 32 BPM, ATP 8500 psi, ATR 22 BPM. ISIP 2200 psi, 5 min - 0 press. Made 12 swab trips. IFL @ 8000', FFL @ 9000'. Rec 82 BF acid cut wtr, trace oil, pH 4 last 2 trips. Rls pkr & POOH w/3-1/2" tbg.
- 9/14/92 Well on pump production. Open well, blow down. PU 7" anchor w/carbide & PBGA. Set anchor @ 10,434', land tbg w/20,000# tension. Change out equip to rods. Flush tbg w/75 bbls hot oiler. PU 2-1/2 x 1-1/2" pump, prime. RIH w/1 - 2 x 1 pony w/Patco guides, 12 - 1", 169 - 3/4", 119 - 7/8", 111 - 1", 1 - 2 x 1 pony. PU polish rod. RIH. Found tag. Fill tbg w/40 bbls, hung HH. Hung polish rod 68" off tag. Stroke unit to 750 psi, bled press. Leave unit pmpg 6:00 p.m.
- 9/14/92 Pmpd 8 BO, 104 BW, 104 MCF/12 hrs.
- 9/15/92 Pmpd 33 BO, 188 BW, 104 MCF.
- 9/16/92 Pmpd 34 BO, 187 BW, 236 MCF.
- 9/17/92 Pmpd 34 BO, 219 BW, 222 MCF.
- 9/18/92 Pmpd 39 BO, 199 BW, 222 MCF.
- 9/19/92 Pmpd 30 BO, 205 BW, 222 MCF.
- 9/20/92 Pmpd 34 BO, 188 BW, 249 MCF.
- 9/21/92 Pmpd 40 BO, 187 BW, 249 MCF.
- 9/22/92 Pmpd 39 BO, 189 BW, 249 MCF.
- 9/23/92 Pmpd 37 BO, 187 BW, 249 MCF, 8 SPM.
- 9/24/92 Pmpd 40 BO, 192 BW, 272 MCF, 9.2 SPM.
- Prior prod: 10 BO, 180 BW, 156 MCF. Final report.

STATE OF UTAH  
DIVISION OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL ☒ GAS ☐ OTHER: \_\_\_\_\_

2. Name of Operator:

Coastal Oil &amp; Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: See Attached

QQ, Sec., T., R., M.: See Attached

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

See Attached

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County: See Attached

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT

(Submit In Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

### SUBSEQUENT REPORT

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon *                           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                       | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                     | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection                | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize           | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other Change of Operator |   |

Date of work completion \_\_\_\_\_

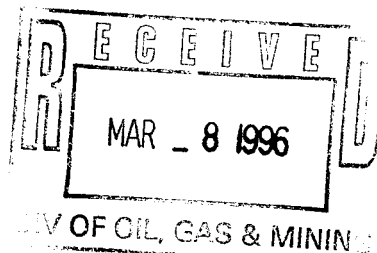
Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

*Bonnie Carson*  
Bonnie Carson, Sr. Environmental & Safety Analyst  
ANR Production Company



13.

Name &amp; Signature:

*Sheila Bremer*

Sheila Bremer

Environmental &amp; Safety Analyst

Title: Coastal Oil &amp; Gas Corporation

Date:

03/07/96

(This space for State use only)

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL		Field	County
					Footages	Section, Township & Range		
Brotherson 1-33A4	43-013-30272	Patented 1680	N/A	N/A	820' FNL & 660' FEL	NENE, 33-1S-4W	Altamont	Duchesne
Brotherson 2-10B4	43-013-30443	Patented 1615	N/A	N/A	1241' FSL & 1364' FWL	SESW, 10-2S-4W	Altamont	Duchesne
Brotherson 2-14B4	43-013-30815	Fee 10450	N/A	N/A	2557' FSL & 1642' FWL	NESW, 14-2S-4W	Altamont	Duchesne
Brotherson 2-15B4	43-013-31103	Fee 1771	N/A	N/A	996' FWL & 1069' FSL	SWSW, 15-2S-4W	Altamont	Duchesne
Brotherson 2-22B4	43-013-31086	Fee 1782	N/A	N/A	1616' FWL & 1533' FSL	NESW, 22-2S-4W	Altamont	Duchesne
Brotherson 2-2B5	43-013-31302	Fee 11342	N/A	N/A	1034' FSL & 2464' FEL	SWSE, 2-2S-5W	Altamont	Duchesne
Christensen 2-29A4	43-013-31303	Fee 11235	N/A	N/A	1425' FSL & 2131' FEL	NWSE, 29-1S-4W	Altamont	Duchesne
Crook 1-6B4	43-013-30213	Patented 1825	N/A	N/A	2485' FNL & 1203' FEL	SENE, 6-2S-4W	Altamont	Duchesne
Dastrup 2-30A3	43-013-31320	Fee 11253	N/A	N/A	1250' FSL & 1229' FWL	SWSW, 30-1S-3W	Altamont	Duchesne
Doyle 1-10B3	43-013-30187	Patented 1810	N/A	N/A	2382' FNL & 2157' FWL	SENE, 10-2S-3W	Bluebell	Duchesne
Duncan 2-9B5	43-013-30719	Fee 2410	N/A	N/A	1701' FWL & 1554' FSL	NESW, 9-2S-5W	Altamont	Duchesne
Ehrich 3-11B5	43-013-31080	Fee 1691	N/A	N/A	1654' FSL & 1754' FWL	NESW, 11-2S-5W	Altamont	Duchesne
Elder 1-13B2	43-013-30366	Patented 1905	N/A	N/A	1490' FNL & 1334' FEL	SWNE, 13-2S-2W	Bluebell	Duchesne
Ellsworth 1-17B4	43-013-30126	Patented 1695	N/A	N/A	763' FNL & 1189' FEL	NENE, 17-2S-4W	Altamont	Duchesne
Ellsworth 1-19B4	43-013-30183	Patented 1760	N/A	N/A	2043' FNL & 1764' FEL	SWNE, 19-2S-4W	Altamont	Duchesne
Ellsworth 1-20B4	43-013-30351	Patented 1900	N/A	N/A	1744' FNL & 1342' FEL	SWNE, 20-2S-4W	Altamont	Duchesne
Ellsworth 1-8B4	43-013-30112	Fee 1655	N/A	N/A	1755' FNL & 2377' FEL	SWNE, 8-2S-4W	Altamont	Duchesne
Ellsworth 2-17B4	43-013-31089	Fee 1696	N/A	N/A	1355' FWL & 1362' FSL	NESW, 17-2S-4W	Altamont	Duchesne
Ellsworth 2-19B4	43-013-31105	Fee 1761	N/A	N/A	1402' FSL & 1810' FWL	NESW, 19-2S-4W	Altamont	Duchesne
Ellsworth 2-20B4	43-013-31090	Fee 1902	N/A	N/A	677' FWL & 1611' FSL	NWSW, 20-2S-4W	Altamont	Duchesne
Ellsworth 3-20B4	43-013-31389	Fee 11488	N/A	N/A	1500' FNL & 1203' FWL	SWNW, 20-2S-4W	Altamont	Duchesne
Farnsworth 1-12B5	43-013-34024	30124 Patented 1645	N/A	N/A	2479' FNL & 1503' FEL	SWNE, 12-2S-5W	Altamont	Duchesne
Farnsworth 1-13B5	43-013-30092	Patented 1610	N/A	N/A	670' FNL & 1520' FEL	NWNE, 13-2S-5W	Altamont	Duchesne
Farnsworth 1-7B4	43-013-30097	Patented 1600	N/A	N/A	1923' FNL & 1095' FEL	SENE, 7-2S-4W	Altamont	Duchesne
Farnsworth 2-12B5	43-013-31115	Fee 1646	N/A	N/A	993' FSL & 768' FWL	SWSW, 12-2S-5W	Altamont	Duchesne
Farnsworth 2-7B4	43-013-30470	Patented 1935	N/A	N/A	1292' FSL & 1500' FWL	SESW, 7-2S-4W	Altamont	Duchesne
Fieldstead 2-28A4	43-013-31293	Fee 11177	N/A	N/A	2431' FSL & 2212' FWL	NESW, 28-1S-4W	Altamont	Duchesne
Galloway 1-18B1	43-013-30575	Fee 2365	N/A	N/A	1519' FNL & 1565' FEL	SWNE, 18-2S-1W	Bluebell	Duchesne
Hanskutt 2-23B5	43-013-30917	Fee 1600	N/A	N/A	951' FSL & 761' FWL	SWSW, 23-2S-5W	Altamont	Duchesne
Hanson 1-24B3	43-013-30629	Fee 2390	N/A	N/A	1354' FNL & 1540' FWL	NENW, 24-2S-3W	Bluebell	Duchesne
Hanson 2-9B3	43-013-31136	Fee 10455	N/A	N/A	1461' FWL & 1531' FSL	NESW, 9-2S-3W	Altamont	Duchesne
Hanson Trust 1-32A3	43-013-30141	Patented 1646	N/A	N/A	671' FNL & 1710' FEL	NWNE, 32-1S-3W	Altamont	Duchesne
Hanson Trust 1-5B3	43-013-30109	Patented 1635	N/A	N/A	1200' FNL & 1140' FWL	NENE, 5-2S-3W	Altamont	Duchesne
Hanson Trust 2-29A3	43-013-31043	Fee 10205	N/A	N/A	1857' FWL & 1394' FSL	NESW, 29-1S-3W	Altamont	Duchesne
Hanson Trust 2-32A3	43-013-31072	Fee 1641	N/A	N/A	1141' FWL & 1602' FSL	NWSW, 32-1S-3W	Altamont	Duchesne
Hanson Trust 2-5B3	43-013-31079	Fee 1636	N/A	N/A	1606' FSL & 1482' FWL	NESW, 5-2S-3W	Altamont	Duchesne
Hartman 1-31A3	43-013-30093	Fee 5725	N/A	N/A	1019' FNL & 1024' FEL	NENE, 31-1S-3W	Altamont	Duchesne
Hartman 2-31A3	43-013-31243	Fee 11026	N/A	N/A	2437' FSL & 1505' FWL	SWSW, 31-1S-3W	Altamont	Duchesne
Hunt 1-21B4	43-013-30214	Patented 1840	N/A	N/A	1701' FNL & 782' FEL	SENE, 21-2S-4W	Altamont	Duchesne
Hunt 2-21B4	43-013-31114	Fee 1839	N/A	N/A	1512' FWL & 664' FSL	NESW, 21-2S-4W	Altamont	Duchesne
Iorg 2-10B3	43-013-31388	Fee 11482	N/A	N/A	738' FNL & 660' FEL	NENE, 10-2S-3W	Altamont	Duchesne
Lake Fork 3-15B4	43-013-31358	Fee 11378	N/A	N/A	1300' FNL & 1450' FWL	NENW, 15-2S-4W	Altamont	Duchesne
Lawrence 1-30B4	43-013-30220	Fee 1845	N/A	N/A	919' FNL & 1622' FEL	NWNE, 30-2S-4W	Altamont	Duchesne
Lawson 1-28A1	43-013-30358	Fee 1901	N/A	N/A	2275' FSL & 1802' FEL	NWSE, 28-1S-1W	Bluebell	Duchesne
Lazy K 2-14B3	43-013-31354	Fee 11452	N/A	N/A	1670' FSL & 1488' FEL	NWSE, 14-2S-3W	Bluebell	Duchesne
Lindsay 2-33A4	43-013-31141	Fee 10457	N/A	N/A	1499' FWL & 663' FSL	SESW, 33-1S-4W	Altamont	Duchesne
Lotridge Gates 1-3B3	43-013-30117	Patented 1670	N/A	N/A	965' FNL & 750' FEL	NENE, 3-2S-3W	Altamont	Duchesne
Matthews 2-13B2	43-013-31357	Fee 11374	N/A	N/A	858' FNL & 1098' FWL	NWNW, 13-2S-2W	Bluebell	Duchesne
Meeks 3-8B3	43-013-31377	Fee 11489	N/A	N/A	1065' FNL & 1124' FWL	NWNW, 8-2S-3W	Altamont	Duchesne

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

Routing: <i>EH</i>
1- <del>LEC</del> <i>7-53</i>
2-DTS <i>8-FILE</i>
3-VLD
4-RPT
5- <del>LEC</del>
6-FILM <i>✓</i>

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-27-95)

TO (new operator) COASTAL OIL & GAS CORP  
 (address) PO BOX 749  
DENVER CO 80201-0749  
 phone (303) 572-1121  
 account no. N 0230 (B)

FROM (former operator) ANR PRODUCTION CO INC  
 (address) PO BOX 749  
DENVER CO 80201-0749  
 phone (303) 572-1121  
 account no. N0675

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>013-30117</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- lec* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 3-8-96)*
- lec* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 3-8-96)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- N/A* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-11-96) (4-3-96/Indian) (4-15-96/Fee C.A.'s) (8-20-96/Indian C.A.'s)*
- lec* 6. Cardex file has been updated for each well listed above.
- lec* 7. Well file labels have been updated for each well listed above.
- lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-11-96)*
- lec* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.



### ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only) Surety No. U605382-1 (\$80,000) United Pacific Ins. Co.

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files. *\* Upon Compl. of routing.*
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date March 11, 1996. If yes, division response was made by letter dated                      19    . *(Same Bond as Coastal)*

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

### FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: 1-7 1997.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

9/60311 This change involves Fee lease / non C.A. wells ~~only~~ State lease wells.

~~C.A. & Indian lease wells will be handled on separate change.~~

9/60412 BLM/SL Apprv. C.A.'s 4-11-96.

9/60820 BIA Apprv. CA's 8-16-96.

9/60329 BIA Apprv. Indian Lease wells 3-26-96.

WE71134-35

\* 9/61107 Lemicy 2-5B2/43-013-30784 under review at this time; no chg. yet!

(7)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
WORKOVER AND COMPLETION RECORD

OPERATOR: ANR PRODUCTION COMPANY COMPANY REP: HALE IVIE

WELL NAME: LOTRIDGE GATES #1-3B3 API NO: 43-013-30117

SECTION: 3 TWP: 2S RANGE: 3W COUNTY: DUCHESNE

TYPE OF WELL: OIL: YES GAS:            WATER INJECTION:           

STATUS PRIOR TO WORKOVER: POW

INSPECTOR: DENNIS L. INGRAM TIME: 9:45 AM DATE: 5/10/95

REASON FOR WORKOVER:

CHANGE OF LIFT SYSTEM:            PUMP CHANGE:            PARTED RODS:           

CASING OR LINER REPAIR:            ACIDIZE:            RECOMPLETION:           

TUBING CHANGE:            WELLBORE CLEANOUT:            WELL DEEPENED:           

ENHANCED RECOVERY:            THIEF ZONE:            CHANGE ZONE:           

ENVIRONMENTAL/DISPOSITION OF FLUIDS USED:

PIT: LINED N UNLINED N FRAC TANK (1) BOPE: Y H2S PRESENT: N

OPERATIONS AT THE TIME OF INSPECTION: PULLING OUT OF HOLE WITH

RODS AND TUBING.

REMARKS:

NO FURTHER INFORMATION WAS RECEIVED ON VISIT. REPRESENTATIVE

QUESTIONED WHY I WAS THERE. WHY WE WERE INSPECTING ANR. WHY DO

WE PICK ON PEOPLE WITH MONEY. WHY DIDN'T WE GO HARASS SOMEONE

ELSE. DOGM WAS NOTHING BUT A FEDERAL BUREAUCRACY & TAX BURDEN.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER: \_\_\_\_\_

2. Name of Operator:  
Coastal Oil & Gas Corporation

3. Address and Telephone Number:  
P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well  
Footages: 965' FNL & 750' FEL  
QQ, Sec., T., R., M.: NE/NE Section 3-T2S-R3W

5. Lease Designation and Serial Number:  
Patented

6. If Indian, Allottee or Tribe Name:  
N/A

7. Unit Agreement Name:  
N/A

8. Well Name and Number:  
Lotridge Gates #1-3B3

9. API Well Number:  
43-013-30117

10. Field and Pool, or Wildcat:  
Altamont

County: Duchesne

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit In Duplicate)

- |  |  |
|--|--|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing    |
| <input type="checkbox"/> Change of Plans           | <input checked="" type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate               |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare           |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off          |
| <input type="checkbox"/> Other _____               |  |

Approximate date work will start Upon Approval

### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon *                 | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Date of work completion \_\_\_\_\_

Report results of **Multiple Completions and Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached workover procedure for work to be performed in the subject well.

13.

Name & Signature: Sheila Bremer

Title: Environmental & Safety Analyst Date: 05/01/96

(This space for State use only)

JOB Matthews

Petroleum Engineer

5/1/96

**LOTRIDGE-GATES #1-3B3**  
**Section 3 T2S R3W**  
**Altamont Field**  
**Duchesne Co. Utah**

**PROCEDURE:**

1. MIRU PU. POOH w/rods and pump. NDWH. Rlse TAC set @ 10,462'. NUBOP. RIH to 10,770', POOH.
2. MIRU Wireline Co. Set CIBP @ 10,770'. Perforate the following w/a 4" csg gun loaded w/3 JSPF, 120 degree phasing.

**9820-10,738' 40' 120 holes**

Tie into Schlumberger Dual Induction log dated 6-19-72 for depth control.

3. RIH w/retr pkr on 3-1/2" 9.33# N-80 tbg. Set pkr @ 9750'. PT csg to 500 psi. If time allows, swab test well.
4. MIRU Dowell to acidize Green River interval w/4000 gals 15% HCL per attached treatment schedule. MTP 9000 psi. Swab back load and test.
5. Rlse pkr, POOH w/tbg.
6. RIH w/bull plugged 4' perf 2-7/8" tbg sub, SN, 35 jts of 2-7/8" tbg, TAC on 2-7/8" tbg. Set SN @ 10,764'. TAC @ approx 9660'
7. RIH w/1-1/2" pump on 86 rod string. Return well to production.

**GREATER ALTAMONT FIELD**  
**LOTRIDGE - GATES #1-3B3**  
**Section 3 - T2S - R3W**  
**Duchesne County, Utah**

**Perforation Schedule**

Schlum. Dual Ind. Run #1 (6/19/72)	<i>Schlum.</i> <i>Sonic</i> <i>Run #1</i> (6/19/72)	<b>McCull. Bond Run #1 (8/21/72)</b>
9,820	9,822	9,819
9,883	9,886	9,883
9,893	9,896	9,893
9,909	9,912	9,909
9,922	9,925	9,922
9,933	9,936	9,933
9,981	9,984	9,981
9,987	9,990	9,987
10,000	10,003	10,000
10,015	10,018	10,015
10,026	10,029	10,026
10,053	10,056	10,053
10,094	10,096	10,093
10,101	10,103	10,100
10,109	10,111	10,109
10,128	10,131	10,128
10,197	10,198	10,195
10,216	10,217	10,215
10,226	10,227	10,225
10,234	10,235	10,233

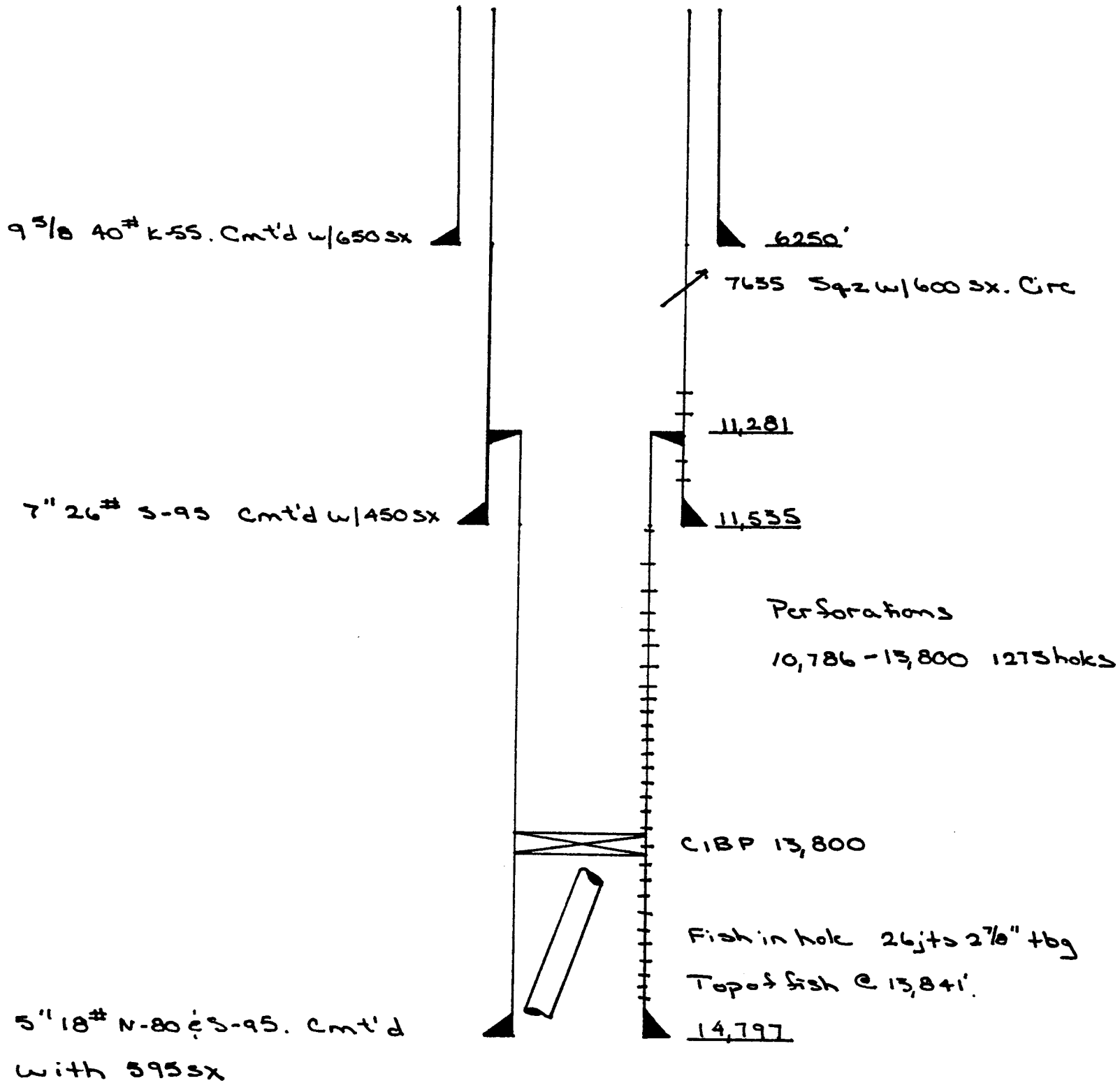
Schlum. Dual Ind. Run #1 (6/19/72)	<i>Schlum.</i> <i>Sonic</i> <i>Run #1</i> (6/19/72)	<b>McCull. Bond Run #1 (8/21/72)</b>
10,276	10,278	10,276
10,297	10,299	10,297
10,342	10,344	10,342
10,367	10,369	10,367
10,379	10,380	10,379
10,386	10,388	10,387
10,393	10,395	10,394
10,416	10,418	10,417
10,427	10,429	10,428
10,438	10,440	10,439
10,616	10,616	10,616
10,645	10,645	10,645
10,653	10,653	10,653
10,659	10,659	10,659
10,666	10,666	10,666
10,696	10,696	10,696
10,703	10,703	10,703
10,712	10,712	10,712
10,726	10,726	10,726
10,738	10,738	10,738

**40 ZONES**

S. H. Laney    4/17/96

Lotridge-Gates 1-3B3  
Altamont Field

KB 6011'  
GL 5993'



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Lotridge Gates #1-3B3

9. API Well Number:

43-013-30117

10. Field and Pool, or Wildcat:

Altamont

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Coastal Oil &amp; Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages:

965' FNL &amp; 750' FEL

QQ, Sec., T., R., M.:

NE/NE Section 3-T2S-R3W

County: Duchesne

State: Utah

11.

## CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT

(Submit In Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                     |   |

Approximate date work will start

### SUBSEQUENT REPORT

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon *                 | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other          | Recomplete Lower Green River                  |

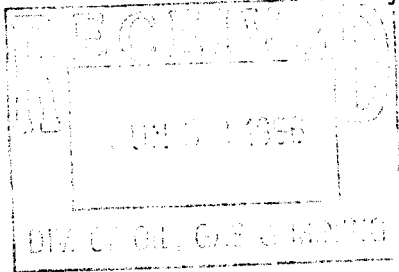
Date of work completion 6/17/96

Report results of **Multiple Completions and Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for work performed in the subject well.



13.

Name &amp; Signature:

Sheila Bremer

Title: Environmental &amp; Safety Analyst Date: 06/25/96

(This space for State use only)

THE COASTAL CORPORATION  
CHRONOLOGICAL HISTORY

LOTRIDGE GATES #1-3B3 (RECOMPLETE LGR)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH  
WI: 90.0000% COGUSA AFE: 26303  
TD: 14,800' PBTD: 13,800' (CIBP)  
5" LINER FROM 11,281'-14,797'  
PERFS: 10,786'-13,800'  
CWC(MS): 74.7

- 6/3/96      **Ready to POOH w/tbg & TAC.**  
MIRU, get ready to pull rods. PU on rods, still too waxy. RU hot oiler pumping 150 bbls @ 260°. Unseated pump, flushed tbg w/40 bbls, resealed pump, filled tbg w/37 bbls & press tested tbg @ 500#. POOH w/rods and pump. NU BOPs, unset 7" TAC @ 10,462'. PU 10 jts 2 7/8" tbg & RIH to 10,787'. EOT @ 10,787'. CC: \$3369.
- 6/4/96      **Ready to RU guns & perforate.**  
Bled down well 600 psi, LD 10 jts 2 7/8" tbg, POOH w/332 jts tbg & BHA, tallied tbg. RU Cutters WL, RIH w/10,000# 7" CIBP, tagged fluid @ 9700', set CIBP @ 10,770' after paper stripping csg collars w/bond log. CC: \$5575.
- 6/5/96      **RIH w/3 1/2" tbg.**  
0 psi on csg, RU Cutters WL, LGR perfs 3 spf 120° phasing w/3 1/8" & 4" guns.  
Run #1: 10,789'-10,230', 21 ft, 63 holes, FL 9700', psi 0.  
Run #2: 10,196'-9813.5', 19 ft, 57 holes, FL 9200', psi 0.  
RD Cutters, x-o to 3 1/2" tbg, PU MS 7" HD pkr. RIH w/3 1/2" tbg & tallying. EOT @ 8600'. CC: \$18,802.
- 6/6/96      **Ready to acidize well.**  
Bled well off 150 psi. RIH w/rest (1,150') 3 1/2" tbg & tallying. Set 7" HD MS pkr @ 9750'. Filled csg w/204 BW & press test 500#. Started swabbing. 1st run FL @ 7200', 2nd run FL @ 6750'. 1st run 10 bbls, 100% oil. 2nd run 10 bbls 100% oil. Swabbed 6 more runs. Total of 19 BO, 100% oil, 0 BW. Swabbed down to dry runs, waited one hour, swabbed again, got another dry run. CC: \$23,239.
- 6/7/96      **Read RIH w/3 1/2" tbg & get test on CIBP.**  
RU Dowell, acidize perfs 9820'-10,738' w/4000 gals 15% HCL + 180 1.1 BS's. MTP 8850#, ATP 8300#, MTR 34 BPM, ATR 17 BPM. ISIP 0 psi, diversion good, total load 334 bbls. At 48 bbls into the flush w/total of 239 bbls pumped, press broke down from 8600# to 1300#. Finished flush. RD Dowell. RU swabbing equip. 1st rung tagged FL @ 9000', 3.7 BW, PH 6.0. RU Delsco WL. RIH, tag CIBP @ 10,770'. 2nd & 3rd runs dry, FL @ 9750'. Unset MS HD 7" pkr, PU & RIH w/1008' 3 1/2" P-110 tbg & reset pkr @ 10,758'. Pmpd 113 bbls but no test. Unset pkr & POOH w/1008' 3 1/2" tbg to 9755'. CC: \$44,690.
- 6/8/96      **POOH w/3 1/2" tbg, EOT @ 3509'.**  
Bled 500 psi off csg & 190 psi on tbg. RIH, tag plug @ 10,770'. PU 5', set pkr @ 10,765'. Pmpd 117 bbls down tbg, no test. Unset pkr, POOH w/3 1/2", EOT 7794'. RU Production Logging Services and ran temperature CCL & tracer survey. Indicated 100% of fluid exiting below BTD @ 10,770' (CIBP). RD logging service, POOH w/3 1/2" tbg, EOT @ 3509'. CC: \$53,247.
- 6/9/96      **Hydrotest last 116 jts 2 7/8" tbg.**  
Bled 500 psi off csg & 150 psi off tbg. POOH & LD 3509' 3 1/2" tbg & 7" HD MSOT pkr. RU Cutters Wireline Service. RIH w/Baker 7" HD 10,000# CIBP & set @ 10,754'. FL was @ 9100'. RIH w/cmt tool, set 2 sx cmt on top 7" CIBP, top of cmt @ 10,744'. RD Cutters. RIH w/44 jts 2 7/8" tbg, flushed w/20 BW @ 250° to clean crude out of tbg. POOH w/44 jts 2 7/8" tbg. RU Four Star hydrotest equip. RIH w/7" HD MSOT pkr, SN & 79 jts 2 7/8" tbg. Too much crude inside tbg, RD Four Star. RIH w/116 jts 2 7/8" tbg. Flushed tbg w/60 bbls @ 250°. POOH w/116 jts tbg, EOT @ 2475'. CC: \$60,962.
- 6/10/96      **Waiting for acid job.**  
0 psi on tbg & csg. RU Four Star & hydrotested 236 jts 2 7/8" tbg @ 8500#, did split 2 jts. RD Four Star. Set 7" HD MSOT pkr @ 9752'. Filled csg w/228 BW, press tested pkr @ 1500 #, ok, FL @ 7550'. RU swab equip. Made 7 runs, rec 16 bbls fluid, 12.5 BO, 3.5 BW, FL 1st run 7500', last run @ SN, swabbed 3 1/2 hrs. CC: \$66,454.



THE COASTAL CORPORATION  
CHRONOLOGICAL HISTORY

LOTRIDGE GATES #1-3B3 (RECOMPLETE LGR)  
 ALTAMONT FIELD  
 DUCHESNE COUNTY, UTAH  
 WI: 90.0000% COGUSA AFE: 26303

- 6/11/96      **RU Dowell to acidize.**  
 140 psi on tbgs, 0 psi on csg. RU Hot Oiler & filled tbgs w/57 bbls treated water. Press tbgs to 500#, SD Hot Oiler, bled to 325#/1 min, check well for injectivity. Press continued to decrease at very slow rate. RD Hot Oiler. CC: \$66,614.
- 6/12/96      **Swab testing LGR.**  
 RU Dowell & acidize LGR perfs @ 9820'-10,738' w/4000 gals 15% HCL + 180 BS. MTP 8500#, ATP 8000#, MTR 26 BPM, Atr 14 BPM. ISIP 3150#, 15 min SIP 1877#. Had fair diversion, 305 BLTR. RD Dowell. RU swabbing unit. Well flowed 3 hrs, then started swabbing w/FL @ sfc. Made 14 runs, 100 BO, 130 BLW/8 hrs, FFL 5700', avg oil cut 70%, avg inflow 29 BPH, PH 3.0. Flush tbgs w/60 BW. CC: \$83,929.
- 6/13/96      **RIH w/2 7/8".**  
 No press. Made 10 runs & rec 110 bbls fluid, 48 BO, 62 BW. IFL @ 1450', FFL @ 5700'. RD swab equip. Rel pkr @ 9752'. POOH w/313 jts 2 7/8" tbgs, SN & 7" HD pkr. RIH w/BHA, 7" TAC & 283 jts 2 7/8" tbgs. EOT @ 8875'. CC: \$91,500.
- 6/14/96      **Well on production.**  
 No press. RIH w/30 jts 2 7/8" tbgs, set TAC @ 9555' w/SN @ 9772'. ND BOP. Landed tbgs on hanger w/26,000# tension. NU WH. RD tbgs equip. RU rod equip. Flush tbgs w/60 bbls 250° water. RIH w/1 3/4" pump & rods. Space out & seat pump. Install horses head & hang off rods. Fill tbgs w/1 BW. Press test tbgs to 500#, held, good pump action. Flush flowline w/60 bbls 200° water. Steam WH & unit. RD rig. Put well to production. CC: \$101,387.  
 Pmpd 4 BO, 209 BW, 51 MCF, 6.2 SPM, 16 hrs.
- 6/15/96      Pmpd 3 BO, 270 BW, 102 MCF, 6.2 SPM, 24 hrs.
- 6/16/96      Pmpd 50 BO, 150 BW, 88 MCF, 8.2 SPM, 24 hrs. Ran dyno, FL @ 8029'.
- 6/17/96      Pmpd 45 BO, 73 BW, 88 MCF, 8.0 SPM, 24 hrs.  
 Ran dyno, FL @ pump (SN @ 9772').  
**Prior Prod:** 0 BO, 0 BW, 0 MCF (uneconomic)  
**Final Report.**

STATE OF UTAH  
DIVISION OIL, GAS AND MINING

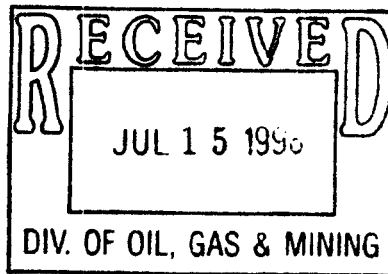
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEEN form for such proposals.		5. Lease Designation and Serial Number: <b>Patented</b>
		6. If Indian, Allottee or Tribe Name: <b>N/A</b>
		7. Unit Agreement Name: <b>N/A</b>
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	8. Well Name and Number: <b>Lotridge Gates #1-3B3</b>	
2. Name of Operator: <b>Coastal Oil &amp; Gas Corporation</b>		9. API Well Number: <b>43-013-30117</b>
3. Address and Telephone Number: <b>P.O. Box 749, Denver, CO 80201-0749</b>		10. Field and Pool, or Wildcat: <b>Altamont</b>
4. Location of Well  Footages: <b>965' FNL &amp; 750' FEL</b> QQ, Sec., T., R., M.: <b>NE/NE Section 3-T2S-R3W</b>		County: <b>Duchesne</b> State: <b>Utah</b>

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit In Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandon  <input type="checkbox"/> Repair Casing  <input type="checkbox"/> Change of Plans  <input type="checkbox"/> Convert to Injection  <input type="checkbox"/> Fracture Treat or Acidize  <input type="checkbox"/> Multiple Completion  <input type="checkbox"/> Other _____           </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction  <input type="checkbox"/> Pull or Alter Casing  <input type="checkbox"/> Recompletion  <input type="checkbox"/> Perforate  <input type="checkbox"/> Vent or Flare  <input type="checkbox"/> Water Shut-Off           </div> </div> Approximate date work will start _____	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandon *  <input type="checkbox"/> Repair Casing  <input type="checkbox"/> Change of Plans  <input type="checkbox"/> Convert to Injection  <input type="checkbox"/> Fracture Treat or Acidize  <input checked="" type="checkbox"/> Other <u>Lower Seat Nipple</u> </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction  <input type="checkbox"/> Pull or Alter Casing  <input type="checkbox"/> Perforate  <input type="checkbox"/> Vent or Flare  <input type="checkbox"/> Water Shut-Off           </div> </div> Date of work completion <u>6/29/96</u>  <small>Report results of <b>Multiple Completions</b> and <b>Recompletions</b> to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.</small>  <small>* Must be accompanied by a cement verification report.</small>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for work performed to lower seat nipple to enhance production on the subject well.



13.

Name & Signature: Sheila Bremer Title: Environmental & Safety Analyst Date: 07/12/96

(This space for State use only)

THE COASTAL CORPORATION  
CHRONOLOGICAL HISTORY

LOTRIDGE GATES #1-3B3 (LOWER SN)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH  
WI: 90.0000% COGUSA AFE:  
TD: 14,800' PBTD: 10,770'  
5" LINER @ 11,281'-14,797'  
PERFS: 9820'-10,738' (LGR)

6/28/96      **Put on prod @ 8:00 PM 6/28/96.**  
MIRU, pmp 150 bbls TFW dn csg, work pump off seat @ 9772', flush tbg w/50 bbls TFW. POOH w/2½"x1¼" pmp. ND WH. Rel 7" TAC @ 9555'. NU BOPs, xo equip to 2⅞" tbg. EOT @ 9812'. PU & RIH w/31 jts 2⅞". Tag cmt top @ 10,744'. PU, LD 1 jts 2⅞" tbg. ND BOP, set 7" TAC @ 10,474' w/26,000# ten. SN @ 10,691'. EOT @ 10,732'. XO equip to rods. NU WH. PU 2½"x1½" pmp. RIH & PU 38 ¼" slick El rds. Seat pump @ 10,691'. Fill tbg w/3 bbls, test 1000#, ok. POP, SDFN. CC: \$10,977.

6/29/96      **On production.**  
Rig down, load equip, clean location. CC: \$11,070.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:  
368 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

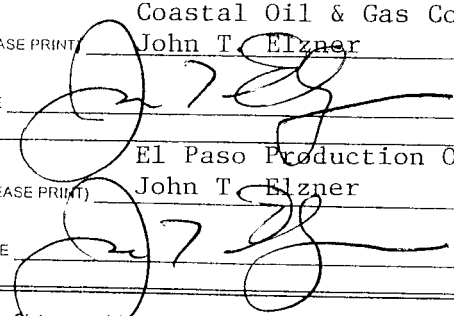
See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE 

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE 

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

*State of Delaware*  
*Office of the Secretary of State*

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PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

## CERTIFICATE OF AMENDMENT

OF

## CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST," so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL &amp; GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH		4-KAS ✓
2. CDW		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001****FROM: (Old Operator):**

COASTAL OIL &amp; GAS CORPORATION

Address: 9 GREENWAY PLAZA STE 2721

HOUSTON, TX 77046-0995

Phone: 1-(713)-418-4635

Account N0230

**TO: (New Operator):**

EL PASO PRODUCTION OIL &amp; GAS COMPANY

Address: 9 GREENWAY PLAZA STE 2721 RM 2975B

HOUSTON, TX 77046-0995

Phone: 1-(832)-676-4721

Account N1845

CA No.

Unit:

**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
C B HATCH 1-5B1	43-013-30226	5935	05-02S-01W	FEE	OW	S
J LAMICQ ST 1-6B1	43-013-30210	5405	06-02S-01W	FEE	OW	S
NORLING ST U 1-9B1	43-013-30315	5940	09-02S-01W	FEE	OW	S
GALLOWAY 1-18B1	43-013-30575	2365	18-02S-01W	FEE	OW	P
ANDERSON 1A-30B1	43-013-30783	292	30-02S-01W	FEE	OW	P
JOHN 1-3B2	43-013-30160	5385	03-02S-02W	FEE	OW	S
MEAGHER ESTATE 1-4B2	43-013-30313	1811	04-02S-02W	FEE	OW	S
LAMICQ 2-5B2 (CA 96-83)	43-013-30784	2302	05-02S-02W	FEE	OW	P
REESE ESTATE 1-10B2	43-013-30215	5460	10-02S-02W	FEE	OW	S
REESE 2-10B2	43-013-30837	2416	10-02S-02W	FEE	OW	P
E H BUZZI U 1-11B2	43-013-30248	5960	11-02S-02W	FEE	OW	S
ELDER 1-13B2	43-013-30366	1905	13-02S-02W	FEE	OW	P
MATTHEWS 2-13B2	43-013-31357	11374	13-02S-02W	FEE	OW	P
GOODRICH 1-18B2	43-013-30397	1871	18-02S-02W	FEE	OW	S
LINMAR 1-19B2	43-013-30600	9350	19-02S-02W	FEE	OW	P
JENKINS 1-1B3 (CA 96-70)	43-013-30175	1790	01-02S-03W	FEE	OW	P
JENKINS 2-1B3	43-013-31117	1792	01-02S-03W	FEE	OW	P
GOODRICH 1-2B3	43-013-30182	1765	02-02S-03W	FEE	OW	P
GOODRICH 2-2B3	43-013-31246	11037	02-02S-03W	FEE	OW	P
LOTRIDGE GATES FEE 1-3B3	43-013-30117	1670	03-02S-03W	FEE	OW	S

**OPERATOR CHANGES DOCUMENTATION**

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 06/28/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 06/28/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: 06/28/2001

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 400JU0708
2. The **FORMER** operator has requested a release of liability from their bond on: COMPLETION OF OPERATOR CHANGE  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: COMPLETION OF OPERATOR CHANGE

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 7.26.01

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS:** Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

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Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

Change of Operator (Well Sold)

**X Operator Name Change**

The operator of the well(s) listed below has changed, effective:

7/1/2006

**FROM: (Old Operator):**

N1845-El Paso Production O&G Company

1001 Louisiana Street

Houston, TX 77002

Phone: 1 (713) 420-2300

**TO: ( New Operator):**

N3065-El Paso E&P Company, LP

1001 Louisiana Street

Houston, TX 77002

Phone: 1 (713) 420-2131

**CA No.**

**Unit:**

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/5/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/5/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/30/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 2114377-0181
5. If **NO**, the operator was contacted on: \_\_\_\_\_
- 6a. (R649-9-2)Waste Management Plan has been received on: \_\_\_\_\_ requested 7/18/06
- 6b. Inspections of LA PA state/fee well sites complete on: ok
- 6c. Reports current for Production/Disposition & Sundries on: \_\_\_\_\_
7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet
8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 7/14/2006

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 7/19/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/19/2006
3. Bond information entered in RBDMS on: 7/19/2006
4. Fee/State wells attached to bond in RBDMS on: 7/19/2006
5. Injection Projects to new operator in RBDMS on: 7/19/2006
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 7/5/2006

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 103601420
2. Indian well(s) covered by Bond Number: 103601473
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 400JU0708
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a applicable wells moved
- The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 7/20/2006

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>MULTIPLE LEASES</b>
2. NAME OF OPERATOR: EL PASO PRODUCTION OIL AND GAS COMPANY <i>N1845</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (505) 344-9380		8. WELL NAME and NUMBER: <b>SEE ATTACHED</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>SEE ATTACHED</b>		9. API NUMBER:
COUNTY: <b>UINTAH &amp; DUCHESNE</b>		10. FIELD AND POOL, OR WILDCAT: <b>SEE ATTACHED</b>
STATE: <b>UTAH</b>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <b>CHANGE OF OPERATOR</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE BE ADVISED THAT EL PASO PRODUCTION OIL AND GAS COMPANY (CURRENT OPERATOR) HAS TRANSFERRED ITS OPERATORSHIP TO EL PASO E&P COMPANY, L.P. (NEW OPERATOR) EFFECTIVE ~~JUNE 30~~ *July 1*, 2006 AND THAT EL PASO E&P COMPANY, L.P. IS CONSIDERED TO BE THE NEW OPERATOR OF THE ATTACHED WELL LOCATIONS.

EL PASO E&P COMPANY, L.P. IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASED LANDS. BOND COVERAGE IS PROVIDED BY THE STATE OF UTAH STATEWIDE BLANKET BOND NO. 400JU0705, BUREAU OF LAND MANAGEMENT NATIONWIDE BOND NO. 103601420, AND BUREAU OF INDIAN AFFAIRS NATIONWIDE BOND NO. 103601473.

El Paso E & P Company, L. P. *N3065*  
1001 Louisiana  
Houston, TX 77002

*William M. Griffin*  
William M. Griffin, Sr. Vice President

NAME (PLEASE PRINT) <b>CHERYL CAMERON</b>	TITLE <b>AUTHORIZED REGULATORY AGENT</b>
SIGNATURE <i>Cheryl Cameron</i>	DATE <b>6/20/2006</b>

(This space for State use only)

**APPROVED** *7/19/06*  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

RECEIVED  
JUL 05 2006  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Lotridge-Gates 1-3B3

9. API NUMBER:

4301330117

10. FIELD AND POOL, OR WILDCAT:

Altamont

1. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

EL PASO E&P COMPANY, L.P.

3. ADDRESS OF OPERATOR:

1099 18TH ST, STE 1900 CITY DENVER

STATE CO

ZIP 80202

PHONE NUMBER:

(303) 291-6400

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 965' FNL, 750' FEL.

COUNTY: DUCHESNE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 3 2S 3W

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ NOTICE OF INTENT

(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

TYPE OF ACTION

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☒ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER: \_\_\_\_\_

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL TO THE UPPER GREEN RIVER.  
PLEASE REFER TO THE ATTACHED PROCEDURE.

COPY SENT TO OPERATOR

Date: 5-22-2008

Initials: KS

NAME (PLEASE PRINT)

LISA PRETZ

TITLE

ENGINEERING TECH

SIGNATURE

DATE

5/19/2008

(This space for State use only)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 5/22/08

BY: [Signature]

(See Instructions on Reverse Side)

RECEIVED

MAY 20 2008

DIV. OF OIL, GAS & MINING

\* A 100' plug shall be placed immediately above the LGR ports - from 9800' to 9700'

Recompletion Procedure  
 Lotridge Gates 1-3B3  
 Section 20, T3S, R6W  
 Altamont-Bluebell Field  
 Duchesne County, Utah

**COMPANY PERSONNEL**

Title	Name	Office	Mobile	Home
Production Manager	Frank Seidel	(303) 291-6436	(303) 945-1049	(720) 524-8693
Production Engineer	Doug Sprague	(303) 291-6433	(303) 957-6176	(303) 627-4970
Production Foreman	Gary Lamb	(435) 454-4224	(435) 823-1443	(435) 454-3537

**TUBULAR DATA**

Material	Description	Burst (100%)	Col (100%)	Body Yield	Jt Yield	ID	Drift ID	Cap CF/LF	TOC
Surface Casing	9 5/8" 40# K-55 @ 2,637'	3950	2570	630	561	8.835	8.679	.4257	SURF
Intermediate Casing	7" 26# S-95 @ 11,535'	8600	7800	717	602	6.2765	6.151	.2148	8,340' (CBL)
Production Liner	5" 18# S-95/N-80 @ 11,281' to 14,800'	10140	10490	422	477	4.276	4.151	.0997	TOL

1. MIRU workover rig. Load well with TPW. POOH with rods and pump.
2. ND wellhead. NU and test BOP. Release TAC and POOH with 2 7/8" tubing. Lay down BHA.
3. RIH with 6 1/8" bit, 7" casing scraper and DC's and clean wellbore to 7,900'. Circulate well clean. POOH.
4. RU EI. Run CBL/GR log from 7,500 to 9,600' and evaluate bond. If bond is good, RIH and set 7" CIBP at 7,885'. Dump 10' of cement on top. If bond is bad, shoot squeeze holes at 7,900' and set CICR at 7,885' and cement squeeze.
5. Pressure test casing to 1,500 psi. If leak is detected, isolate with packer. Establish breakdown. Design squeeze job based on breakdown data and squeeze leak. Drill out and test squeeze. Circulate hole clean. POOH laying down tubing.

6. RU EL w/ 5K lubricator and test to 5,000 psi with water. RIH and shoot the intervals per the attached schedule with 3-1/8" HSC, 22.7 gm charges, **SPF as noted** and 120° phasing. Perforate first interval under 500 psig surface pressure. Record any changes in fluid level or wellhead pressure while perforating. RD EL unit. Lay and stake hardline to pit, NU chokes on casing valves.
7. RIH with treating packer and set at  $\pm 7,550'$ .
- 9 MI and RU stimulation company.
- 10 Acidize formation with 3,000 gallons 15% HCl acid at 25 bpm in one stage using 60 Bio-balls (Brown or green color) for diversion. RD&MO stimulation company.
11. Attempt to flow test well.
12. Open circulating port and kill well. Release treating packer and POOH.
13. Run TAC, tubing, pump and rods. Space out and stroke test pump. Hang well on and RD & MO unit.
14. Turn well over to production. Clean location.

## Wellbore Diagram

### Lotridge Gates U 1-3B3

Altamont / Blue Bell Field  
Duchesne Co, Utah  
API - 43-013-30117  
EP Lease - 10001699

Current

Rod String:

Jts

1 Polish Rod  
3 1" x (2- 2', 8") Sub

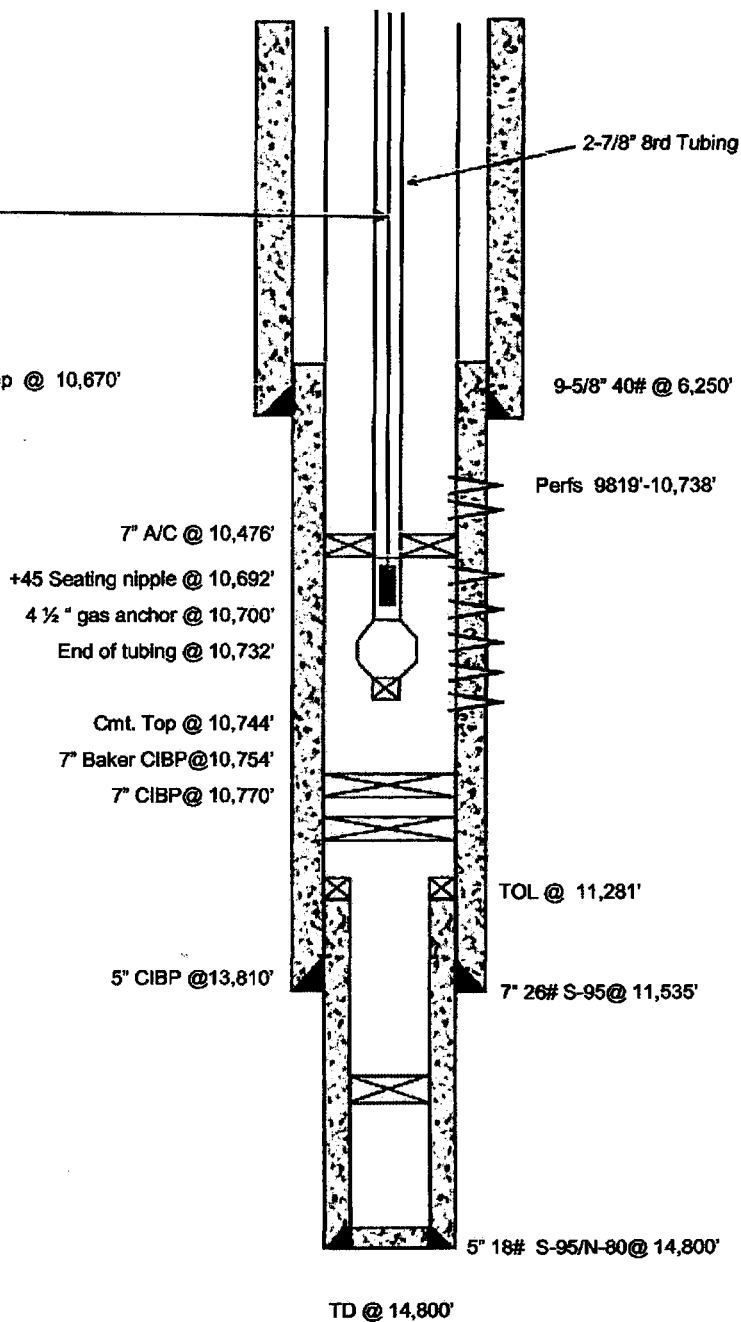
119 1" Rods

132 7/8" Rods

174 3/4" Rods

8 1" Rods

2 1/4" x 1 1/4" RHBC Pump @ 10,670'



**Lotridge Gates 1-3B3**  
**PERFORATION SCHEDULE - GREEN RIVER FORMATION**  
**Open Hole Reference Log: Schlumberger - Borehole Compensated Sonic / Gr - Run 1 - 6/19/72**

**Lotridge Gates 1-3B3**  
**PERFORATION SCHEDULE - GREEN RIVER FORMATION**  
**Open Hole Reference Log: Schlumberger - Borehole Compensated Sonic / Gr - Run 1 - 6/19/72**

Proposed Perfs	
----------------	--

[illegible]

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18TH ST, SUITE 1900 CITY Denver STATE CO ZIP 80202	7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 291-6475	8. WELL NAME and NUMBER: Lotridge Gates 1-3B3
	9. API NUMBER: 4301330117
	10. FIELD AND POOL, OR WILDCAT: Altamont

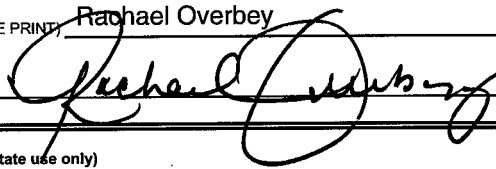
4. LOCATION OF WELL FOOTAGES AT SURFACE: 965' FNL, 750' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 3 T2S R3W	COUNTY: Duchesne STATE: UTAH
---	---------------------------------

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Surface Meter
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	Commingle

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The referenced well is commingled at surface meter with the Hanson Trust 1-5B3 API# 43-013-30109 and the Rust 1-4B3 API# 43-013-30063

NAME (PLEASE PRINT) Rachael Overbey	TITLE Engineering Tech
SIGNATURE 	DATE 7/16/2008

(This space for State use only)

RECEIVED

AUG 05 2008

DIV. OF OIL, GAS & MINING



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 965' FNL, 750' FEL.		8. WELL NAME and NUMBER: Lotridge-Gates 1-3B3
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 3 2S 3W		9. API NUMBER: 4301330117
COUNTY: DUCHESNE		10. FIELD AND POOL, OR WILDCAT: Altamont
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

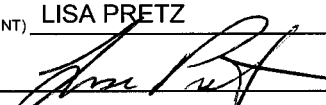
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/18/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

OPERATOR PERFORMED THE FOLLOWING WORK ON THE SUBJECT WELL BETWEEN 5/24/2008 AND 7/17/2008:

TOOH W/ RODS AND TBG. RIH W/ CIBP AND SET @ 7996'. SPOT 18 SXS CMT ON PLUG. TAG TOP OF CMT @ 7886'. RIH AND PERFORATE FROM 7740' - 7750', 7710'-7730', 7690'-7710' AND 7675'-7690'. RIH W/ 7" PKR AND SET @ 7634'. TEST PKR AND CSG TO 1000 PSI, GOOD. PUMP 4000 GAL 15% HCL ACID W/ 300 BIOBALLS FOR DIVERSION, FLUSH W/ 60 BBLs 2% KCL. ISIP 2510 PSI. RIH W/ 2-7/8" PROD TBG AND ROD STRING. STROKE TEST PUMP TO 1000 PSI, GOOD.

RETURN WELL TO PRODUCTION ON 7/18/2008.

NAME (PLEASE PRINT) LISA PRETZ	TITLE ENGINEERING TECH
SIGNATURE 	DATE 8/29/2008

(This space for State use only)

RECEIVED  
SEP 09 2008  
DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																													
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE																													
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>																													
<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP		<b>7. UNIT or CA AGREEMENT NAME:</b>																													
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th ST, STE 1900 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> LOTRIDGE GATES 1-3B3																													
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0965 FNL 0750 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 03 Township: 02.0S Range: 03.0W Meridian: U		<b>9. API NUMBER:</b> 43013301170000																													
<b>PHONE NUMBER:</b> 303 291-6417 Ext		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT																													
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		<b>COUNTY:</b> DUCHESNE																													
<b>STATE:</b> UTAH																															
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/10/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input checked="" type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> EL PASO E & P COMPANY REQUESTS APPROVAL TO PLUG AND ABANDON THE SUBJECT WELL PER THE ATTACHED PROCEDURE.																															
<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> <u>September 15, 2010</u> <b>By:</b> <u><i>Don K. Quist</i></u>																															
<b>NAME (PLEASE PRINT)</b> Marie Okeefe		<b>PHONE NUMBER</b> 303 291-6417																													
<b>SIGNATURE</b> N/A		<b>TITLE</b> Sr Regulatory Analyst																													
<b>DATE</b> 8/31/2010																															



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Sundry Conditions of Approval Well Number 43013301170000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 3. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 4. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** September 15, 2010  
**By:** Dustin Doucet

## Wellbore Diagram

API Well No: 43-013-30117-00-00

Permit No:

Well Name/No: LOTRIDGE GATES 1-3B3

Company Name: EL PASO E&amp;P COMPANY, LP

Location: Sec: 3 T: 2S R: 3W Spot: NENE

Coordinates: X: 567824 Y: 4465830

Field Name: ALTAMONT

County Name: DUCHESNE

## String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (ft/cf)
HOL1	237	17.5			
COND	237	13.325	68		
HOL2	6250	12.25			
SURF	6250	9.625	40		2.349
HOL3	11535	8.75			
II	11535	7	26		4.655
HOL4	14800	6.25			
L1	14797	5	18		

Cement from 237 ft. to surface

Conductor: 13.325 in. @ 237 ft.

Hole: 17.5 in. @ 237 ft.

Plug #8  
405x = 108' ✓ OK.Plug #7  
405x = 108' ✓ OK.Plug #6  
Below 100' 50' / (1.15) (2.349) = 195x

Circ 2103' 1805x (1.15) (2.066) = 426' max

Above 405x (1.15) (2.349) = 108' ✓ OK

Plug #5  
755x (1.15) (2.349) = 202' TOC 555' ✓ OKPlug #4  
50' / (1.15) (1.974) = 225x

Cement from 6250 ft. to surface

Surface: 9.625 in. @ 6250 ft.

Hole: 12.25 in. @ 6250 ft.

Plug #3  
205x = 167' TOC 7580' ✓ OKPlug #2  
Below 505x (1.15) (4.655) = 267'

Above 205x = 107' TOC 9460' ✓ OK

Plug #1  
(205x) (1.15) (4.655) = 107'

TOC 10650' ✓ OK

GRRV 6059'

Liner from 14797 ft. to 11292 ft.

Cement from 11535 ft.

Intermediate: 7 in. @ 11535 ft.

Hole: 8.75 in. @ 11535 ft.

Hole: 6.25 in. @ 14800 ft.

## Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	237	0	G	400
II	11535	7886	LT	225
II	11535		G	125
L1	14797	11292	G	595
SURF	6250	0	G	700
SURF	6250	0	PC	250

## Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
11571	14748			
9813	10738			
10786	11524			
7675	7750			

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: September 15, 2010

By: Dan K. Duff

## Formation Information

Formation	Depth
BMSW	2900
GRRVL	9520
WSTC	11300
FLAG	12050
NHORN	13130

TD: 14800 TVD:

PBTD:



**Legend**

- SGID93.ENERGY.DNR.OilGasWells\_HDBottom
- OGM Database View Events
- <all other values>
- Status
- APD - Approved Permit
- DRL - Spurred (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-In Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well
- SGID.U024.PLSSSSections\_GCDB
- SGID93.ENERGY.DNR.OilGasWells\_HDBPath
- SGID93.ENERGY.DNR.OilGasFields

**Approved by:** [Signature]  
**Date:** September 15, 2010  
**By:** [Signature]



Exploration &  
Production



PRIDE  
PASSION  
PERFORMANCE  
make the difference

## Plug & Abandon

Lotridge Gates 1-3B3

AFE – Pending

API #: 43-013-3011700

Section 3, Township 2S, Range 3W

Lat. = 40° 20' 31.776" Long. = -110° 12' 5.256'

Altamont Field

Duchesne County, UT

Version #: 1

Date: 6/21/10

**Objective:**      *Plug and abandon well*

Prepared by: David Meixell

Date: 6/21/10

Approved by:

Date:

Approved by:

Date:

**Distribution:**

Filename: G:\FIELDS\Altamont\Alta Well Buckets\1-3B3 Lotridge Gates\Abandonment\Lotridge Gates  
1-3B3 Abandonment Procedure.docx

**RECEIVED** August 31, 2010

Abandonment  
Lotridge Gates 1-3B3

### **WELL INFORMATION**

BHT – NA  
Wellbore Fluid – Oil, Water & Gas  
BHP - NA  
SITP - NA  
SICP - NA

### **COMPANY PERSONNEL**

Title	Name	Office	Mobile	E-mail
Production Engr.	David Meixell	(303) 291-6424	(832) 374-3202	<a href="mailto:david.meixell@elpaso.com">david.meixell@elpaso.com</a>
Production Mgr.	Mike Vennes	(303) 291-6440	(720) 545-7280	<a href="mailto:mike.vennes@elpaso.com">mike.vennes@elpaso.com</a>
Production Supvr.	Gary Lamb	(435) 454-4224	(435) 823-1443	<a href="mailto:gary.x.lamb@elpaso.com">gary.x.lamb@elpaso.com</a>
Lead Operator	Dwayne Davies	(435) 454-3394	(435) 823-1470	<a href="mailto:dwayne.davies@elpaso.com">dwayne.davies@elpaso.com</a>
Safety Rep.	Walt Galloway	(303) 291-6447	(720) 425-5386	<a href="mailto:walt.galloway@elpaso.com">walt.galloway@elpaso.com</a>

### **Tubular Data**

Material	Description	Burst (100%)	Col (100%)	Body Yield	Jt Yield	ID	Drift ID	Cap SK/LF	TOC
Conductor Casing	13 3/8" 68# K-55 @ 235'	3450	1950	1069	718	12.415	12.259		
Surface Casing	9 5/8" 40# K-55 @ 6,250'	3950	2570	630		8.835	8.679	.3702	Surface
Intermediate Casing	7" 26# S-95 to 11,535'	8600	7800	717	602	6.276	6.151	.1868	
Production Liner	5" 18# S-95/N-80 @ 11,281' to 14,800'	12040	12030	501	436	4.276	4.151	.0867	TOL
Tubing	2 7/8" 6.5# N-80 EUE	10570	11160		144	2.441	2.347		

### **Current Well Status:**

BOPD	BWPD	MCFPD	TP	Status
0	0	0	0	Shut-in

**CEMENT DESIGN:** Class G Cement, 15.8 ppg, 1.15 FT3/SK

**WELLBORE FLUID:** Treated produced water

Filename: G:\FIELDS\Altamont\Alta Well Buckets\1-3B3 Lotridge Gates\Abandonment\Lotridge Gates  
1-3B3 Abandonment Procedure.docx

**RECEIVED** August 31, 2010

### **Procedure**

1. Notify DOGM of P&A operations at least 24 hours prior to start of well work.
2. MI&RU. Load well with TPW. Unseat pump and hot oil well to clean up rods and tubing. POOH with rods and pump.
3. ND wellhead. NU and test 5,000# BOP. Release TAC and POOH with 2-7/8" tubing. Lay down BHA.
4. RIH with bit to 7,886', Drill Through 10' of Cement and CIBP.
5. Continue RIH to 10,744'.
6. Plug #1 - Spot 20 sack cement plug on top of previously set cement (Top – 10,744') and CIBP. Tag cement plug and POOH.
7. Plug #2 - RIH and set 7" CICR at 9,564' (Top of Lower Green River). Establish injection rate.
8. Mix and pump 70 sacks of Class G cement. Squeeze 50 sacks below CICR and spot 20 sacks on top Tag cement plug and POOH.
9. Plug #3 - Set CIBP @ 7,680', Spot 20 sacks of cement on plug.
10. Cut and recover 7" casing at 6,300'.
11. Plug #4 - Spot 50 sack Class G cement plug across surface casing shoe from 6,200' to 6,350'.
12. Plug #5 – Spot 75 sack balanced plug from 5,959' to 6,159', Top of Green River.
13. RU EL and perforate below the BMSGW at 2,953'.
14. Plug #6 - Establish injection rate. RIH and set CICR at 2,903'. Mix and pump 240 sacks of Class G cement. Squeeze 200 sacks below CICR and spot 40 sacks on top. If unable to establish injection rate, spot a 200' balanced plug from 2,853' to 3,053' w/ 80 sacks of Class G cement. Tag cement and POOH.
15. Plug #7 - RIH and set 9 5/8" CIBP at 1,000'.
16. Spot 40 sack Class G cement plug on top of CIBP.



Abandonment  
Lotridge Gates 1-3B3

17. Plug #8 - Spot 40 sack Class G cement plug from 100' to surface.

18. Cut off casing 3' below ground level and install dry hole plate. Dry hole plate to include the following:

1. Well name and number
2. Operator Name
3. API Number
4. Location – Qtr/Qtr – Sec – Township – Range

19. RD&MO rig & clean up location.

18. Restore location.

## **Safety, Compliance and Administrative**

### **1. Pre-job**

- Verify that all tree valves are functioning properly.
- Record SITP and SICP and report to Project Engineer.
- Hold pre-job JSA and document on DIMS report to ensure all personnel are oriented on El Paso safety standards, job procedures, each person's role in the job, and over all safety standards.
- Ensure that a copy of the "Open Hole Log" and a copy of the "Cased Hole Log" is available to the Well Site Supervisor

### **2. Billing procedures**

- All field tickets will be signed by the Well Site Consultant
- All tickets will be mailed to the address below:
- Attention:  
c/o El Paso Production Company  
17790 West 3750 North  
Altamont, UT 84001

### **3. Ordering equipment**

- All equipment, personnel and services will be ordered by the Well Site Supervisor utilizing the preferred vendor list. Project Engineer can/will also order out specialized equipment as needed.

### **4. Daily reports**

- JSA's will be completed on every job **and** when the job scope changes.
- Completed accurate DIMS report will be sent to the following addresses by 6:30 A.M. daily on every job: [dims@elpaso.com](mailto:dims@elpaso.com).
- Observations will be recorded and sent to [gary.x.lamb@elpaso.com](mailto:gary.x.lamb@elpaso.com) for entry into Tracker system.

### **5. Accident Reporting**

- **All** accidents will be reported to the Operations Supervisor immediately. If he is not available, the Project Engineer will be notified and the Cased hole Supervisor will be notified.
- **All** accidents and incidents will be documented on the El Paso Tracker form and E-mailed to the Operations Supervisor, Project Engineer and Cased Hole Manager.

## **6. Personnel Qualifications**

- If applicable, Well Site Supervisors and/or onsite El Paso representatives shall require all personnel to fill out the appropriate section of the Personnel Qualification form.
- Well Site Supervisors shall ensure that all personnel on location are qualified and trained as required. If the subject personnel are not qualified, ensure that a replacement is sent to location immediately.

## **7. Changes**

- Any and all changes to the procedure shall be approved DOGM in Salt Lake City and the DOGM Field Inspector.

## **8. Stop Work Authority**

- Ensure that at all safety, JSA and procedural meeting on location that all personnel are aware that if an unsafe condition exist, the job can be shut down and that the authority is vested in each individual when that individual sees an unsafe condition.
- The condition should be brought up the chain of authority and finally to the Engineering Manager. Once the unsafe condition is investigated onsite and corrected, the job will continue and operations deemed safe. If the condition cannot be engineered out, discuss the situation with the Project Engineer for resolution.
- While everyone on the job has the right to stop work for safety conditions, everyone also has the responsibility to help determine how to safely proceed with the work to complete the job.

## **9. Equipment**

- Take time to ensure that unnecessary equipment is released as soon as practical. Take into account:
  - Safety
  - Weather conditions
  - Job progress
  - Cost and mob cost

## **10. Third Party Tickets**

- Any 3<sup>rd</sup> party work or material that you are receiving and will be billed direct to El Paso, the Delivery Tickets should be forwarded with your delivery tickets to location for the Wellsite Supervisor to approve and code.

Abandonment  
Lotridge Gates 1-3B3

- Invoices will not be approved or processed without the wellsite supervisor's approval of delivery tickets

## **11. Cased Hole Responsibilities**

- A JSA has to be completed on every job every day **and** when the job scope changes prior to the work being started.
- Observations shall be recorded and sent to Cased Hole Supervisor.
- Observations from other service parties discussed in daily/morning meetings
- Dims report to be submitted at least by 6:30 A.M. daily for every job
- Communicate with project Engineer daily and when scope of job changes.
- Discuss all discrepancies with Cased Hole Supervisor as they occur for guidance to resolve BOP testing. Follow up with an E-mail to Cased Hole Supervisor on the BOP testing results.
- Be proactive in suggestions when the procedure changes. Have ideas on how to accomplish task.
- **All BHA's** shall be measured, callipered and recorded prior to running assembly in hole.
- Ensure that preferred venders list is being followed. If changes are needed, get approval first.
- Any leaking valve, leaks or spills will be reported to the Cased Hole or Production Supervisor.
- Report **any and all incidents to include but not limited to (injuries, fires and etc.)** to Cased Hole Supervisor immediately. If he is not available contact the Production Supervisor next and the Project Engineer if he is not available.

## **Agency Contacts**

<b>Agency</b>	<b>Contact</b>	<b>Office</b>	<b>Cell</b>
DOGM	Dustin Doucet	801-538-5281	
DOGM	Dennis Ingram	435-722-3417	435-722-7584
BLM	Ryan Angus	435-781-4430	435-828-7368
BLM	Bill Owens	435-781-4498	435-828-7630
BLM	Ray Arnold	435-781-4485	435-828-7499
BIA	Bucky Secakuku	435-722-4331	
BIA	Bruce Pargeets	435-725-4999	
BIA	Fax	435-722-2323	

Abandonment  
Lotridge Gates 1-3B3

**Vendor Contact List**

SERVICE	COMPANY	CONTACT	LOCATION	PHONE	Contract/MSA#
Cementing	Big 4		Vernal	435-789-1735	
Cementing	BJ services	Darren Bailey	Vernal	435-790-0169	EPPC-MSA-700
Cementing	Halliburton	Zack	Vernal	435-789-2550	EPPC -MSA-205
Coil Tubing	Coil Tubing Services	Joe Hollan	Rock Springs	307-382-0750	EPPC-MSA-384
Coil Tubing	Cudd	Gary Attwood	Vernal	435-789-0757	EPEPC-MSA-947
E-Line Services	BWWC	Jacson Rassmusen	Roosevelt	435-7220139	
E-Line Services	Cased hole solution	Arnie Eksund	Vernal	435-781-4192	EPEPC-MSA-1044
E-Line Services	Lone wolf	Rick Robbins	Vernal	435-789-4814	
E-Line Services	Perf-o-log	Gary Murray	Vernal	435-828-3951	EPPC-MSA-637
E-Line Services	Perforators	Mitch Funk	Roosevelt	435-725-2344	
Frac Tanks/2% KCl	Dalbo	Heavy Sursa	Vernal	435-823-7300	EPEPC-MSA-1327
Frac Tanks/2% KCl	Rain for rent	Lynn Bell	Roosevelt	801-541-1661	EPPC-MSA-804
Heating	Action hot oil	Leon Richins	Roosevelt	435-722-2190	EPEPC-MSA-1226
Heating	Heat wave	Dean Hall	Roosevelt	435-724-4145	EPEPC-MSA-1316
Heating	Willies hot oil	Ronnie Miller	Vernal	435-823-6215	EPEPC-MSA-1358
Office/Misc. Rentals	Action	Jeremy	Ballard	435-789-5224	
Office/Misc. Rentals	Crozier	Richard Ross	Roosevelt	435-823-0979	EPEPC-MSA-1298
Packers & Plugs	Baker	Robin Peterson	Vernal	435-789-5918	EPPC-MSA-551
Packers & Plugs	Weatherford	Skyler Attwood	Vernal	435-828-8142	EPPC-MSA-588
Rentals	H & S rental	Heavy Sursa	Bluebell	435-823-7300	
Rentals	Nabors	Lee Slaugh	Roosevelt	435-823-0148	EPEPC-MSA-1000
Rentals	R & W rental	Rex Hall	Vernal	435-789-7888	
Rentals	Weatherford	Todd Logan	Vernal	435-789-0445	EPPC-MSA-588
Rentals	Weatherford	Brian Slaugh	Vernal	435-789-0445	EPPC-MSA-588
Stimulation Services	BJ services	Darren Bailey	Vernal	435-790-0169	EPPC-MSA-700
Stimulation Services	Halliburton	Tracy Bueler	Vernal	435-781-7584	EPPC -MSA-205

Filename: G:\FIELDS\Altamont\Alta Well Buckets\1-3B3 Lotridge  
Gates\Abandonment\Lotridge Gates 1-3B3 Abandonment Procedure.docx

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Abandonment  
Lotridge Gates 1-3B3



Wellbore Diagram

**Lotridge Gates U 1-3B3**

Duchesne Co, Utah

Altamont / Blue Bell Field

Current

Rod String:

2-7/8" 8rd Tubing

9-5/8" 40# @ 6,250'

Perfs 7,690' - 7,750'

Cmt Top @ 7,886'

CIBP @ 7,996'

Perfs 9813' - 10,738'

Cmt. Top @ 10,744'

7" Baker CIBP @ 10,754'

7" CIBP @ 10,770'

TOL @ 11,281'

7" 26# S-95 @ 11,535'

5" CIBP @ 13,810', 25 SKS  
CMT

Perfs: 10,786' - 11,608'

FISH - 13,841' - 14,722', 26  
Jts of 2 7/8" N-80 Tubing

Perfs: 11,571' - 14,748'

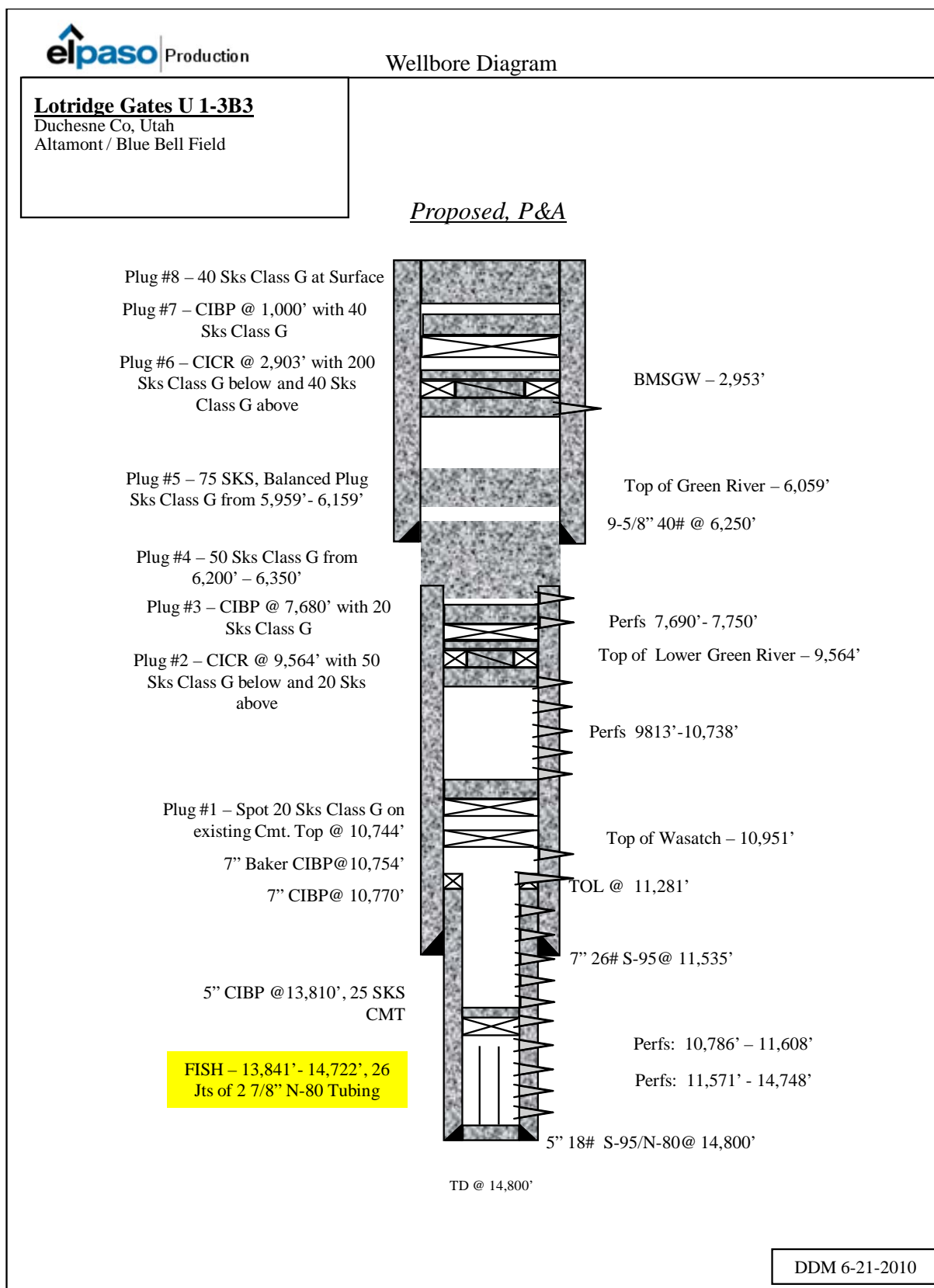
5" 18# S-95/N-80 @ 14,800'

TD @ 14,800'

Filename: G:\FIELDS\Altamont\Alta Well Buckets\1-3B3 Lotridge  
Gates\Abandonment\Lotridge Gates 1-3B3 Abandonment Procedure.docx

**RECEIVED** August 31, 2010

Abandonment  
Lotridge Gates 1-3B3



Filename: G:\FIELDS\Altamont\Alta Well Buckets\1-3B3 Lotridge Gates\Abandonment\Lotridge Gates 1-3B3 Abandonment Procedure.docx

**RECEIVED** August 31, 2010

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE																														
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>																														
		<b>7. UNIT or CA AGREEMENT NAME:</b>																														
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> LOTRIDGE GATES 1-3B3																														
<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP		<b>9. API NUMBER:</b> 43013301170000																														
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th ST, STE 1900 , Denver, CO, 80202		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT																														
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0965 FNL 0750 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 03 Township: 02.0S Range: 03.0W Meridian: U		<b>COUNTY:</b> DUCHESNE																														
		<b>STATE:</b> UTAH																														
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>																																
<b>TYPE OF SUBMISSION</b>  <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/30/2010  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input checked="" type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> El Paso E & P Company plugged and abandoned the subject well per the attached report.																																
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> October 07, 2010																																
<b>NAME (PLEASE PRINT)</b> Marie Okeefe		<b>PHONE NUMBER</b> 303 291-6417																														
<b>SIGNATURE</b> N/A		<b>TITLE</b> Sr Regulatory Analyst																														
		<b>DATE</b> 10/7/2010																														





# EL PASO PRODUCTION Operations Summary Report

Page 1 of 2

Legal Well Name: LOTRIDGE GATES 1-3B3  
Common Well Name: LOTRIDGE GATES 1-3B3  
Event Name: ABANDONMENT  
Contractor Name: WESTERN WELLSITE SERVIC  
Rig Name: WESTERN WELLSITE SCVS  
Start: 9/14/2010  
Rig Release:  
Spud Date: 4/5/1972  
End: 9/30/2010  
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/17/2010	07:00 - 22:00	15.00	C	08		HSM JSA TOPIC; RIGGING UP...MIRU CSIP 50 PSI TSIP 0 PSI BLED OFF WELL RU HOT OIL TRUCK PMP HOT TPW DWN ANNULAS ESTABLISH CIRC UP 2 7/8" TBG w 5 BBLs CIRC WELL w 500 BBLs OF HOT TPW SECURE WELL SDFN
9/18/2010	22:00 - 23:00	1.00	C	06		CREW TRAVEL FROM LOC
	06:00 - 07:00	1.00	C	06		CREW TRAVEL TO LOC HSM JSA TOPIC; TRIPPING RODS
	07:00 - 10:30	3.50	C	04		CSIP 0 PSI TSIP 0 PSI TOH LAY DOWN 105-1" 11-7/8" TO PARTED PIN
	10:30 - 12:30	2.00	C	04		PU 2 1/2" OBANNON w 1 5/8" GRAPPLE TIH w 1" RODS ENGAGE FISH @ 2900'
	12:30 - 13:30	1.00	C	08		UNSEAT PMP FLUSH TBG w 45 BBLs OF HOT TPW
9/19/2010	13:30 - 18:00	4.50	C	04		TOH LD 116-1" LD PARTED ROD AND OVER SHOT CONT TOH LD 70-7/8" 100-3/4" 16-1" RODS LD PMP SECURE WELL SDFW
	18:00 - 19:00	1.00	C	06		CREW TRAVEL FROM LOC
	06:00 - 06:00					NO ACTIVITY DWN FOR WEEKEND
	9/20/2010	06:00 - 06:00				NO ACTIVITY DWN FOR WEEKEND
	9/21/2010	06:00 - 07:00	1.00	C	06	CREW TRAVEL TO LOC HSM JSA TOPIC; TRIPPING TBG WORKING WITH SPOOLERS...RU HOT OIL TRUCK CIRC WELL w 70 BBLs OF HOT TPW
9/22/2010	07:00 - 09:00	2.00	C	10		ND WELL HEAD NU HYDRILL RU SPOOLER
	09:00 - 15:00	6.00	C	04		TOH w 241 JTS OF 2 7/8" TBG SPOOLING CABLE FLUSHING TBG AS NEEDED LD BHA
	15:00 - 16:00	1.00	C	10		ND HYDRILL NU BOPE
	16:00 - 17:30	1.50	C	04		PU 6 1/8" BIT SIH w 158 JTS OF 2 7/8" TBG EOT 4928' SECURE WELL SDFN
	17:30 - 18:30	1.00	C	06		CREW TRAVEL FROM LOC
9/23/2010	06:00 - 07:00	1.00	C	06		CREW TRAVEL TO LOC HSM JSA TOPIC;WORKING WITH POWER SWIVEL
	07:00 - 08:00	1.00	C	04		FINISH TIH w 95 JTS OF 2 7/8" TBG TAG @ 7890' TTL OF 253 JTS
	08:00 - 18:00	10.00	C	13		RU POWER SWIVEL ESTABLISH CIRC w 5 BBLs OF TPW DRILL 109' OF CMT & 7" CIBP CIRC WELL CLEAN w 150 BBLs OF TPW SWIVEL IN w 3 JTS OF 2 7/8" TBG RD POWER SWIVEL TOH w 23 JTS OF 2 7/8" TBG ABOVE PERFS @ 7690' EOT 7384' SECURE WELL SDFN
	18:00 - 19:00	1.00	C	06		CREW TRAVEL FROM LOC
	06:00 - 07:00	1.00	C	06		CREW TRAVEL TO LOC HSM JSA TOPIC; TRIPPING TBG
9/24/2010	07:00 - 09:00	2.00	C	04		TIH w 105 JTS OF 2 7/8" VERIFY PLUG @ 10758'
	09:00 - 13:00	4.00	C	14		PMP PLUG #1 20 SX OF CMT w 2% CC TOH w 2 7/8" TBG TO 9829' WOC
	13:00 - 13:30	0.50	C	14		TIH w 2 7/8" TBG TAG PLUG #1 @ 10459' 192' HIGH CMT TOP SHOULD OF BEEN 10651' +/- AS PER STATE REP DINNIS INGRAM PLUG IS OK
	13:30 - 17:00	3.50	C	04		TOH w 333 JTS OF 2 7/8" TBG LD 6 1/8" BIT SECURE WELL SDFN
	17:00 - 18:00	1.00	C	06		CREW TRAVEL FROM LOC
9/25/2010	06:00 - 07:00	1.00	C	06		CREW TRAVEL TO LOC HSM JSA TOPIC; PUMPING CEMENT
	07:00 - 08:30	1.50	C	06		REPLACE AIR COMPRESSOR ON RIG
	08:30 - 11:30	3.00	C	04		PU 7" CIRC TIH w 304 JTS OF 2 7/8" TBG TO 9550'
	11:30 - 14:00	2.50	C	14		SET 7" CIRC @ 9550' CIRC WELL w 120 HOT TPW ESTABLISH INJECTION RATE 1 BPM @ 700 PSI...PMP PLUG #2 70 SX OF CMT 50 SX INTO CIRC STING OUT 20 SX ON TOP TOC 9443'
	14:00 - 17:00	3.00	C	04		TOH w 304 JTS OF 2 7/8" TBG LD SETTING TOOL SECURE WELL SDFN
9/25/2010	17:00 - 18:00	1.00	C	06		CREW TRAVEL FROM LOC
	06:00 - 07:00	1.00	C	06		CREW TRAVEL TO LOC HSM JSA TOPIC; LINE OF FIRE

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# EL PASO PRODUCTION Operations Summary Report

Page 2 of 2

Legal Well Name: LOTRIDGE GATES 1-3B3  
Common Well Name: LOTRIDGE GATES 1-3B3  
Event Name: ABANDONMENT  
Contractor Name: WESTERN WELLSITE SERVIC  
Rig Name: WESTERN WELLSITE SCVS

Start: 9/14/2010  
Rig Release:  
Rig Number: 1

Spud Date: 4/5/1972  
End: 9/30/2010  
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/25/2010	07:00 - 09:00	2.00	C	04		PU 7" CIBP TIH w 246 JTS OF 2 7/8" TBG SET CIBP @ 7684'
	09:00 - 10:00	1.00	C	14		PMP PLUG #3 20 SX OF CMT ON TOP CIBP TOC 7577'
	10:00 - 12:00	2.00	C	04		TOH w 241 JTS OF 2 7/8" TBG LD SETTING TOOL
	12:00 - 16:00	4.00	C	17		CHNAGE HANDLING TOOL ND BOPE ND WELL HEAD DIG OUT CELLAR PREPARE TO CUT 7" CSG...7" CSG IS CEMENTED @ SURFACE...NU WELL HEAD NU BOPE SECURE WELL SDFW
	16:00 - 17:00	1.00	C	06		CREW TRAVEL FROM LOC
9/26/2010	06:00 - 06:00					NO ACTIVITY DWN FOR WEEKEND
9/27/2010	06:00 - 06:00					NO ACTIVITY DOWN FOR WEEKEND
9/28/2010	06:00 - 07:00	1.00	C	06		CREW TRAVEL TO LOC HSM JSA TOPIC; WORKING WITH WIRELINE
	07:00 - 09:30	2.50	C	11		RU WIRELINE TIH w 3 1/8" GUN PERFORATE @ 6300' RU RIG PMP ATTEMPT TO ESTABLISH INJECTION RATE FAILED PRESSURED TO 1000 PSI
	09:30 - 11:30	2.00	C	04		TIH w 203 JTS OF 2 7/8" TBG TO 6343'
	11:30 - 15:00	3.50	C	14		PMP PLUG #4 35 SX OF CMT w 2% CC TOH w 32 JTS OF 2 7/8" TBG EOT 5346' WOC
	15:00 - 15:30	0.50	C	14		TIH w 2 7/8" TBG TAG PLUG #4 @ 6173' 170' (PLUG #4 6343'-6173')
	15:30 - 17:00	1.50	C	14		TOH w 2 7/8" TBG TO 6156' ATEMPT TO PMP PLUG #5 FAILED TBG PLUGED RU RIG PMP ATTEMPT TO UNPLUG TBG PRESSURE UP TO 3000 PSI WORK TBG w PRESSURE UNABLE TO UNPLUG TOH w 2 7/8" TBG
	17:00 - 18:00	1.00	C	14		UNPLUG TBG SIH w 127 JTS OF 2 7/8" TBG EOT 3974' SECURE WELL SDFN
	18:00 - 19:00	1.00	C	06		CREW TRAVEL FROM LOC
9/29/2010	06:00 - 07:00	1.00	C	06		CREW TRAVEL TO LOC HSM JSA TOPIC; WORKING WITH WIRELINE
	07:00 - 08:30	1.50	C	14		FINISH TIH w 2 7/8" TBG TO 6156' PMP PLUG #5 40 SKS OF CMT TOC 5942' (PLUG #5 6156'-5942')
	08:30 - 10:00	1.50	C	04		TOH w 196 JTS OF 2 7/8" TBG
	10:00 - 10:30	0.50	C	11		RU WIRELINE TIH w 3 1/8" GUN PERFORATE BMSGW @ 2953' TOH w WIRELINE LD GUN RD WIRELINE
	10:30 - 11:00	0.50				RU RIG PMP ESTABLISH INJECTION RATE 1 BPM 350 PSI
	11:00 - 13:00	2.00	C	14		PU 7" CIBP TIH w 93 JTS OF 2 7/8" TBG SET CIBP @ 2913' PMP PLUG #6 240 SKS OF CMT 200 SKS INTO CIBP STING OUT PMP 40 SKS ON TOP TOC 2699'
	13:00 - 15:00	2.00	C	04		TOH TO 2601' CIRC WELL HOT TPW FINISH TOH LD SETTING TOOL
	15:00 - 16:30	1.50	C	14		PU 7" CIBP TIH w 32 JTS OF 2 7/8" TBG SET CIBP @ 1010' PMP PLUG #7 20 SKS OF CMT TOC 903' TOH w 2 7/8" TBG LD SETTING TOOL
	16:30 - 17:30	1.00	C	14		ND BOPE TIH w 3 JTS TO 106' PMP PLUG #8 100' OF GOOD CMT TO SURFACE WOC...RIG DWN RIG MOVE OFF WELL SECURE WELL SDFN
	17:30 - 18:30	1.00	C	06		CREW TRAVEL FROM LOC
9/30/2010	06:00 - 07:00	1.00	C	06		CREW TRAVEL TO LOC HSM JSA TOPIC; PINCH POINTS
	07:00 - 13:00	6.00	C	17		ND WELL HEAD CUT CSG 3' BELOW GROUND LEVEL FILL CSG w 25 SKS OF CMT WOC CMT...CMT GOOD WELD INFO PLATE TURN LOCATION OVER TO BE RESTORED GPS N 40° 20.538' W 110° 12.130'

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Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
**CDW**

**X - Change of Operator (Well Sold)**

**Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**6/1/2012**

**FROM: (Old Operator):**

N3065- El Paso E&P Company, L.P.  
 1001 Louisiana Street  
 Houston, TX. 77002

Phone: 1 (713) 997-5038

**TO: ( New Operator):**

N3850- EP Energy E&P Company, L.P.  
 1001 Louisiana Street  
 Houston, TX. 77002

Phone: 1 (713) 997-5038

**CA No.**

**Unit:**

**N/A**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- Is the new operator registered in the State of Utah:          Business Number: 2114377-0181
- (R649-9-2) Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 6/25/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA Not Received
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Second Oper Chg

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/29/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/29/2012
- Bond information entered in RBDMS on: 6/29/2012
- Fee/State wells attached to bond in RBDMS on: 6/29/2012
- Injection Projects to new operator in RBDMS on: 6/29/2012
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
- The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/29/2012

**COMMENTS:**

Disposal and Injections wells will be moved when UIC 5 is received.



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

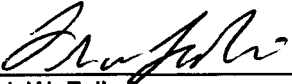
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Multiple Leases
2. NAME OF OPERATOR: El Paso E&P Company, L.P. Attn: Maria Gomez		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		8. WELL NAME and NUMBER: See Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
COUNTY:		10. FIELD AND POOL, OR WILDCAT: See Attached
STATE: UTAH		

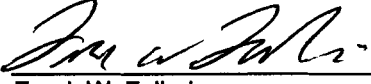
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Name/Operator</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.

  
Frank W. Falleri  
Vice President  
El Paso E&P Company, L.P.

  
Frank W. Falleri  
Sr. Vice President  
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) <u>Maria S. Gomez</u>	TITLE <u>Principal Regulatory Analyst</u>
SIGNATURE <u>Maria S. Gomez</u>	DATE <u>6/22/2012</u>

(This space for State use only)

RECEIVED

JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012  
Rachael Medina  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician  
Rachael Medina

(See Instructions on Reverse Side)

Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Well Type	Well Status	Conf
DWR 3-17C6	17	030S	060W	4301350070		14204621118	OW	APD	C
LAKEWOOD ESTATES 3-33C6	33	030S	060W	4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15	010S	030W	4301350122		FEE	OW	APD	C
WHITING 4-1A2	01	010S	020W	4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34	010S	040W	4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02	020S	010W	4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10	020S	040W	4301350712	18221	Fee	OW	DRL	C
LAKE FORK RANCH 4-26B4	26	020S	040W	4301350714	18432	Fee	OW	DRL	C
LAKE FORK RANCH 4-24B4	24	020S	040W	4301350717	18315	Fee	OW	DRL	C
Cook 4-14B3	14	020S	030W	4301351162	18449	Fee	OW	DRL	C
Peterson 4-22C6	22	030S	060W	4301351163	18518	Fee	OW	DRL	C
Lake Fork Ranch 4-14B4	14	020S	040W	4301351240	99999	Fee	OW	DRL	C
Melesco 4-20C6	20	030S	060W	4301351241	99999	Fee	OW	DRL	C
Peck 3-13B5	13	020S	050W	4301351364	99999	Fee	OW	DRL	C
Jensen 2-9C4	09	030S	040W	4301351375	99999	Fee	OW	DRL	C
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	C
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERHANSKY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	

UTE 1-25A3	25	010S	030W	4301330370	1920	14-20-H62-1802	OW	P	
UTE 2-25A3	25	010S	030W	4301331343	11361	14-20-H62-1802	OW	P	
UTE 1-26A3	26	010S	030W	4301330348	1890	14-20-H62-1803	OW	P	
UTE 2-26A3	26	010S	030W	4301331340	11349	14-20-H62-1803	OW	P	
UTE TRIBAL 4-35A3	35	010S	030W	4301350274	18009	1420H621804	OW	P	C
UTE 2-35A3	35	010S	030W	4301331292	11222	14-20-H62-1804	OW	P	
UTE 3-35A3	35	010S	030W	4301331365	11454	14-20-H62-1804	OW	P	
UTE 1-6B2	06	020S	020W	4301330349	1895	14-20-H62-1807	OW	P	
UTE 2-6B2	06	020S	020W	4301331140	11190	14-20-H62-1807	OW	P	
UTE TRIBAL 3-6B2	06	020S	020W	4301350273	18008	14-20-H62-1807	OW	P	C
POWELL 4-19A1	19	010S	010W	4301330071	8302	14-20-H62-1847	OW	P	
COLTHARP 1-27Z1	27	010N	010W	4301330151	4700	14-20-H62-1933	OW	P	
UTE 1-8A1E	08	010S	010E	4304730173	1846	14-20-H62-2147	OW	P	
UTE TRIBE 1-31	31	010N	020W	4301330278	4755	14-20-H62-2421	OW	P	
UTE 1-28B6X	28	020S	060W	4301330510	11165	14-20-H62-2492	OW	P	
RINKER 2-21B5	21	020S	050W	4301334166	17299	14-20-H62-2508	OW	P	
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	OW	P	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	P	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	P	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	P	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	P	
UTE TRIBAL 1-35A1E	35	010S	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	010S	010E	4304730820	850	14-20-H62-2717	OW	P	
UTE TRIBAL P-3B1E	03	020S	010E	4304730190	4536	14-20-H62-2873	OW	P	
UTE TRIBAL 1-22A1E	22	010S	010E	4304730429	810	14-20-H62-3103	OW	P	
B H UTE 1-35C6	35	030S	060W	4301330419	10705	14-20-H62-3436	OW	P	
BH UTE 2-35C6	35	030S	060W	4301332790	15802	14-20-H62-3436	OW	P	
MCFARLANE 1-4D6	04	040S	060W	4301331074	10325	14-20-H62-3452	OW	P	
UTE TRIBAL 1-11D6	11	040S	060W	4301330482	6415	14-20-H62-3454	OW	P	
CARSON 2-36A1	36	010S	010W	4304731407	737	14-20-H62-3806	OW	P	
UTE 2-14C6	14	030S	060W	4301330775	9133	14-20-H62-3809	OW	P	
DWR 3-14C6	14	030S	060W	4301334003	17092	14-20-H62-3809	OW	P	
THE PERFECT "10" 1-10A1	10	010S	010W	4301330935	9461	14-20-H62-3855	OW	P	
BADGER-SAM H U MONGUS 1-15A1	15	010S	010W	4301330949	9462	14-20-H62-3860	OW	P	
MAXIMILLIAN-UTE 14-1	14	010S	030W	4301330726	8437	14-20-H62-3868	OW	P	
FRED BASSETT 1-22A1	22	010S	010W	4301330781	9460	14-20-H62-3880	OW	P	
UTE TRIBAL 1-30Z1	30	010N	010W	4301330813	9405	14-20-H62-3910	OW	P	
UTE LB 1-13A3	13	010S	030W	4301330894	9402	14-20-H62-3980	OW	P	
UTE 2-22B6	22	020S	060W	4301331444	11641	14-20-H62-4614	OW	P	
UINTA OURAY 1-1A3	01	010S	030W	4301330132	5540	14-20-H62-4664	OW	P	
UTE 1-6D6	06	040S	060W	4301331696	12058	14-20-H62-4752	OW	P	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	OW	P	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	OW	P	
HILL 3-24C6	24	030S	060W	4301350293	18020	1420H624866	OW	P	C
BARCLAY UTE 2-24C6R	24	030S	060W	4301333730	16385	14-20-H62-4866	OW	P	
BROTHERSON 1-2B4	02	020S	040W	4301330062	1570	FEE	OW	P	
BOREN 1-24A2	24	010S	020W	4301330084	5740	FEE	OW	P	
FARNSWORTH 1-13B5	13	020S	050W	4301330092	1610	FEE	OW	P	
BROADHEAD 1-21B6	21	020S	060W	4301330100	1595	FEE	OW	P	
ASAY E J 1-20A1	20	010S	010W	4301330102	8304	FEE	OW	P	
HANSON TRUST 1-5B3	05	020S	030W	4301330109	1635	FEE	OW	P	
ELLSWORTH 1-8B4	08	020S	040W	4301330112	1655	FEE	OW	P	
ELLSWORTH 1-9B4	09	020S	040W	4301330118	1660	FEE	OW	P	
ELLSWORTH 1-17B4	17	020S	040W	4301330126	1695	FEE	OW	P	
CHANDLER 1-5B4	05	020S	040W	4301330140	1685	FEE	OW	P	
HANSON 1-32A3	32	010S	030W	4301330141	1640	FEE	OW	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4725	FEE	OW	P	

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P	
GOODRICH 1-2B3	02	020S	030W	4301330182	1765	FEE	OW	P	
ELLSWORTH 1-19B4	19	020S	040W	4301330183	1760	FEE	OW	P	
DOYLE 1-10B3	10	020S	030W	4301330187	1810	FEE	OW	P	
JOS. SMITH 1-17C5	17	030S	050W	4301330188	5510	FEE	OW	P	
RUDY 1-11B3	11	020S	030W	4301330204	1820	FEE	OW	P	
CROOK 1-6B4	06	020S	040W	4301330213	1825	FEE	OW	P	
HUNT 1-21B4	21	020S	040W	4301330214	1840	FEE	OW	P	
LAWRENCE 1-30B4	30	020S	040W	4301330220	1845	FEE	OW	P	
YOUNG 1-29B4	29	020S	040W	4301330246	1791	FEE	OW	P	
GRIFFITHS 1-33B4	33	020S	040W	4301330288	4760	FEE	OW	P	
POTTER 1-2B5	02	020S	050W	4301330293	1826	FEE	OW	P	
BROTHERSON 1-26B4	26	020S	040W	4301330336	1856	FEE	OW	P	
SADIE BLANK 1-33Z1	33	010N	010W	4301330355	765	FEE	OW	P	
POTTER 1-24B5	24	020S	050W	4301330356	1730	FEE	OW	P	
WHITEHEAD 1-22A3	22	010S	030W	4301330357	1885	FEE	OW	P	
CHASEL MILLER 2-1A2	01	010S	020W	4301330360	5830	FEE	OW	P	
ELDER 1-13B2	13	020S	020W	4301330366	1905	FEE	OW	P	
BROTHERSON 2-10B4	10	020S	040W	4301330443	1615	FEE	OW	P	
FARNSWORTH 2-7B4	07	020S	040W	4301330470	1935	FEE	OW	P	
TEW 1-15A3	15	010S	030W	4301330529	1945	FEE	OW	P	
UTE FEE 2-20C5	20	030S	050W	4301330550	4527	FEE	OW	P	
HOUSTON 1-34Z1	34	010N	010W	4301330566	885	FEE	OW	P	
GALLOWAY 1-18B1	18	020S	010W	4301330575	2365	FEE	OW	P	
SMITH 1-31B5	31	020S	050W	4301330577	1955	FEE	OW	P	
LEBEAU 1-34A1	34	010S	010W	4301330590	1440	FEE	OW	P	
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	P	
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	P	
POWELL 1-21B1	21	020S	010W	4301330621	910	FEE	OW	P	
HANSEN 1-24B3	24	020S	030W	4301330629	2390	FEE	OW	P	
OMAN 2-4B4	04	020S	040W	4301330645	9125	FEE	OW	P	
DYE 1-25Z2	25	010N	020W	4301330659	9111	FEE	OW	P	
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	P	
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	P	
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	P	
BIRCHELL 1-27A1	27	010S	010W	4301330758	940	FEE	OW	P	
CHRISTENSEN 2-8B3	08	020S	030W	4301330780	9355	FEE	OW	P	
LAMICQ 2-5B2	05	020S	020W	4301330784	2302	FEE	OW	P	
BROTHERSON 2-14B4	14	020S	040W	4301330815	10450	FEE	OW	P	
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	P	
HORROCKS 2-20A1 V	20	010S	010W	4301330833	8301	FEE	OW	P	
BROTHERSON 2-2B4	02	020S	040W	4301330855	8420	FEE	OW	P	
ELLSWORTH 2-8B4	08	020S	040W	4301330898	2418	FEE	OW	P	
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	P	
BELCHER 2-33B4	33	020S	040W	4301330907	9865	FEE	OW	P	
BROTHERSON 2-35B5	35	020S	050W	4301330908	9404	FEE	OW	P	
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	P	
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P	
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P	
CHANDLER 2-5B4	05	020S	040W	4301331000	10075	FEE	OW	P	
BABCOCK 2-12B4	12	020S	040W	4301331005	10215	FEE	OW	P	
BADGER MR BOOM BOOM 2-29A1	29	010S	010W	4301331013	9463	FEE	OW	P	
BLEAZARD 2-18B4	18	020S	040W	4301331025	1566	FEE	OW	P	
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P	
ELLSWORTH 2-16B4	16	020S	040W	4301331046	10217	FEE	OW	P	
RUST 3-4B3	04	020S	030W	4301331070	1576	FEE	OW	P	
HANSON TRUST 2-32A3	32	010S	030W	4301331072	1641	FEE	OW	P	
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P	

HANSON TRUST 2-5B3	05	020S	030W	4301331079	1636	FEE	OW	P	
BROTHERSON 2-15B4	15	020S	040W	4301331103	1771	FEE	OW	P	
MONSEN 2-27A3	27	010S	030W	4301331104	1746	FEE	OW	P	
ELLSWORTH 2-19B4	19	020S	040W	4301331105	1761	FEE	OW	P	
HUNT 2-21B4	21	020S	040W	4301331114	1839	FEE	OW	P	
JENKINS 2-1B3	01	020S	030W	4301331117	1792	FEE	OW	P	
POTTER 2-24B5	24	020S	050W	4301331118	1731	FEE	OW	P	
POWELL 2-13A2 K	13	010S	020W	4301331120	8306	FEE	OW	P	
JENKINS 2-12B3	12	020S	030W	4301331121	10459	FEE	OW	P	
MURDOCK 2-26B5	26	020S	050W	4301331124	1531	FEE	OW	P	
BIRCH 3-27B5	27	020S	050W	4301331126	1783	FEE	OW	P	
ROBB 2-29B5	29	020S	050W	4301331130	10454	FEE	OW	P	
LAKE FORK 2-13B4	13	020S	040W	4301331134	10452	FEE	OW	P	
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	P	
HANSON 2-9B3	09	020S	030W	4301331136	10455	FEE	OW	P	
ELLSWORTH 2-9B4	09	020S	040W	4301331138	10460	FEE	OW	P	
UTE 2-31A2	31	010S	020W	4301331139	10458	FEE	OW	P	
POWELL 2-19A1 K	19	010S	010W	4301331149	8303	FEE	OW	P	
CEDAR RIM 8-A	22	030S	060W	4301331171	10666	FEE	OW	P	
POTTER 2-6B4	06	020S	040W	4301331249	11038	FEE	OW	P	
MILES 2-1B5	01	020S	050W	4301331257	11062	FEE	OW	P	
MILES 2-3B3	03	020S	030W	4301331261	11102	FEE	OW	P	
MONSEN 2-22A3	22	010S	030W	4301331265	11098	FEE	OW	P	
WRIGHT 2-13B5	13	020S	050W	4301331267	11115	FEE	OW	P	
TODD 2-21A3	21	010S	030W	4301331296	11268	FEE	OW	P	
WEIKART 2-29B4	29	020S	040W	4301331298	11332	FEE	OW	P	
YOUNG 2-15A3	15	010S	030W	4301331301	11344	FEE	OW	P	
CHRISTENSEN 2-29A4	29	010S	040W	4301331303	11235	FEE	OW	P	
BLEAZARD 2-28B4	28	020S	040W	4301331304	11433	FEE	OW	P	
REARY 2-17A3	17	010S	030W	4301331318	11251	FEE	OW	P	
LAZY K 2-11B3	11	020S	030W	4301331352	11362	FEE	OW	P	
LAZY K 2-14B3	14	020S	030W	4301331354	11452	FEE	OW	P	
MATTHEWS 2-13B2	13	020S	020W	4301331357	11374	FEE	OW	P	
LAKE FORK 3-15B4	15	020S	040W	4301331358	11378	FEE	OW	P	
STEVENSON 3-29A3	29	010S	030W	4301331376	11442	FEE	OW	P	
MEEKS 3-8B3	08	020S	030W	4301331377	11489	FEE	OW	P	
ELLSWORTH 3-20B4	20	020S	040W	4301331389	11488	FEE	OW	P	
DUNCAN 5-13A2	13	010S	020W	4301331516	11776	FEE	OW	P	
OWL 3-17C5	17	030S	050W	4301332112	12476	FEE	OW	P	
BROTHERSON 2-24 B4	24	020S	040W	4301332695	14652	FEE	OW	P	
BODRERO 2-15B3	15	020S	030W	4301332755	14750	FEE	OW	P	
BROTHERSON 2-25B4	25	020S	040W	4301332791	15044	FEE	OW	P	
CABINLAND 2-16B3	16	020S	030W	4301332914	15236	FEE	OW	P	
KATHERINE 3-29B4	29	020S	040W	4301332923	15331	FEE	OW	P	
SHRINERS 2-10C5	10	030S	050W	4301333008	15908	FEE	OW	P	
BROTHERSON 2-26B4	26	020S	040W	4301333139	17047	FEE	OW	P	
MORTENSEN 4-32A2	32	010S	020W	4301333211	15720	FEE	OW	P	
FERRARINI 3-27B4	27	020S	040W	4301333265	15883	FEE	OW	P	
RHOADES 2-25B5	25	020S	050W	4301333467	16046	FEE	OW	P	
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P	
ANDERSON-ROWLEY 2-24B3	24	020S	030W	4301333616	16284	FEE	OW	P	
SPROUSE BOWDEN 2-18B1	18	020S	010W	4301333808	16677	FEE	OW	P	
BROTHERSON 3-11B4	11	020S	040W	4301333904	16891	FEE	OW	P	
KOFFORD 2-36B5	36	020S	050W	4301333988	17048	FEE	OW	P	
ALLEN 3-7B4	07	020S	040W	4301334027	17166	FEE	OW	P	
BOURNAKIS 3-18B4	18	020S	040W	4301334091	17264	FEE	OW	P	
MILES 3-12B5	12	020S	050W	4301334110	17316	FEE	OW	P	
OWL and HAWK 2-31B5	31	020S	050W	4301334123	17388	FEE	OW	P	



OWL and HAWK 4-17C5	17	030S	050W	4301334193	17387	FEE	OW	P	
DWR 3-32B5	32	020S	050W	4301334207	17371	FEE	OW	P	
LAKE FORK RANCH 3-22B4	22	020S	040W	4301334261	17409	FEE	OW	P	
HANSON 3-9B3	09	020S	030W	4301350065	17570	FEE	OW	P	
DYE 2-28A1	28	010S	010W	4301350066	17531	FEE	OW	P	
MEEKS 3-32A4	32	010S	040W	4301350069	17605	FEE	OW	P	
HANSON 4-8B3	08	020S	030W	4301350088	17571	FEE	OW	P	C
LAKE FORK RANCH 3-14B4	14	020S	040W	4301350097	17484	FEE	OW	P	
ALLEN 3-9B4	09	020S	040W	4301350123	17656	FEE	OW	P	
HORROCKS 4-20A1	20	010S	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	010S	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHIODO 3-20C5	20	030S	050W	4301350190	17541	FEE	OW	P	
ALLEN 3-8B4	08	020S	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	030S	050W	4301350193	17532	FEE	OW	P	
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	P	
EL PASO 4-29B5	29	020S	050W	4301350208	17934	FEE	OW	P	C
DONIHUE 3-20C6	20	030S	060W	4301350270	17762	FEE	OW	P	
HANSON 3-5B3	05	020S	030W	4301350275	17725	FEE	OW	P	C
SPRATT 3-26B5	26	020S	050W	4301350302	17668	FEE	OW	P	
REBEL 3-35B5	35	020S	050W	4301350388	17911	FEE	OW	P	C
FREEMAN 4-16B4	16	020S	040W	4301350438	17935	Fee	OW	P	C
WILSON 3-36B5	36	020S	050W	4301350439	17936	Fee	OW	P	C
EL PASO 3-21B4	21	020S	040W	4301350474	18123	Fee	OW	P	C
IORG 4-12B3	12	020S	030W	4301350487	17981	Fee	OW	P	C
CONOVER 3-3B3	03	020S	030W	4301350526	18122	Fee	OW	P	C
ROWLEY 3-16B4	16	020S	040W	4301350569	18151	Fee	OW	P	C
POTTS 3-14B3	14	020S	030W	4301350570	18366	Fee	OW	P	C
POTTER 4-27B5	27	020S	050W	4301350571	99999	Fee	OW	P	C
EL PASO 4-21B4	21	020S	040W	4301350572	18152	Fee	OW	P	C
LAKE FORK RANCH 3-26B4	26	020S	040W	4301350707	18270	Fee	OW	P	C
LAKE FORK RANCH 3-25B4	25	020S	040W	4301350711	18220	Fee	OW	P	C
LAKE FORK RANCH 4-23B4	23	020S	040W	4301350713	18271	Fee	OW	P	C
LAKE FORK RANCH 4-15B4	15	020S	040W	4301350715	18314	Fee	OW	P	C
LAKE FORK RANCH 3-24B4	24	020S	040W	4301350716	18269	Fee	OW	P	C
GOLINSKI 1-8C4	08	030S	040W	4301350986	18301	Fee	OW	P	C
J ROBERTSON 1-1B1	01	020S	010W	4304730174	5370	FEE	OW	P	
TIMOTHY 1-8B1E	08	020S	010E	4304730215	1910	FEE	OW	P	
MAGDALENE PAPADOPULOS 1-34A1E	34	010S	010E	4304730241	785	FEE	OW	P	
NELSON 1-31A1E	31	010S	010E	4304730671	830	FEE	OW	P	
ROSEMARY LLOYD 1-24A1E	24	010S	010E	4304730707	840	FEE	OW	P	
H D LANDY 1-30A1E	30	010S	010E	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E	4304730805	855	FEE	OW	P	
BOLTON 2-29A1E	29	010S	010E	4304731112	900	FEE	OW	P	
PRESCOTT 1-35Z1	35	010N	010W	4304731173	1425	FEE	OW	P	
BISEL GURR 11-1	11	010S	010W	4304731213	8438	FEE	OW	P	
UTE TRIBAL 2-22A1E	22	010S	010E	4304731265	915	FEE	OW	P	
L. BOLTON 1-12A1	12	010S	010W	4304731295	920	FEE	OW	P	
FOWLES 1-26A1	26	010S	010W	4304731296	930	FEE	OW	P	
BRADLEY 23-1	23	010S	010W	4304731297	8435	FEE	OW	P	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19	010S	010E	4304731470	9505	FEE	OW	P	
D MOON 1-23Z1	23	010N	010W	4304731479	10310	FEE	OW	P	
O MOON 2-26Z1	26	010N	010W	4304731480	10135	FEE	OW	P	
LILA D 2-25A1	25	010S	010W	4304731797	10790	FEE	OW	P	
LANDY 2-30A1E	30	010S	010E	4304731895	11127	FEE	OW	P	
WINN P2-3B1E	03	020S	010E	4304732321	11428	FEE	OW	P	
BISEL-GURR 2-11A1	11	010S	010W	4304735410	14428	FEE	OW	P	
FLYING J FEE 2-12A1	12	010S	010W	4304739467	16686	FEE	OW	P	

HARVEST FELLOWSHIP CHURCH 2-14B1	14	020S	010W	4304739591	16546	FEE	OW	P	
OBERHANSKY 3-11A1	11	010S	010W	4304739679	17937	FEE	OW	P	
DUNCAN 2-34A1	34	010S	010W	4304739944	17043	FEE	OW	P	
BISEL GURR 4-11A1	11	010S	010W	4304739961	16791	FEE	OW	P	
KILLIAN 3-12A1	12	010S	010W	4304740226	17761	ML 39760	OW	P	
WAINOCO ST 1-14B1	14	020S	010W	4304730818	1420	ML-24306-A	OW	P	
UTAH ST UTE 1-35A1	35	010S	010W	4304730182	5520	ML-25432	OW	P	
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	P	
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	P	
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	P	
BLANCHARD 1-3A2	03	010S	020W	4301320316	5877	FEE	OW	PA	
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA	
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA	
JAMES POWELL 3	13	010S	020W	4301330024	8305	FEE	WD	PA	
BASTIAN 1 (3-7D)	07	010S	010W	4301330026	5800	FEE	OW	PA	
LAMICQ-URRUTY 1-8A2	08	010S	020W	4301330036	5975	FEE	OW	PA	
BLEAZARD 1-18B4	18	020S	040W	4301330059	11262	FEE	OW	PA	
OLSEN 1-27A4	27	010S	040W	4301330064	1565	FEE	OW	PA	
EVANS 1-31A4	31	010S	040W	4301330067	5330	FEE	OW	PA	
HAMBLIN 1-26A2	26	010S	020W	4301330083	2305	FEE	OW	PA	
HARTMAN 1-31A3	31	010S	030W	4301330093	10700	FEE	OW	PA	
FARNSWORTH 1-7B4	07	020S	040W	4301330097	5725	FEE	OW	PA	
POWELL 1-33A3	33	010S	030W	4301330105	4526	FEE	OW	PA	
LOTRIDGE GATES 1-3B3	03	020S	030W	4301330117	1625	FEE	OW	PA	
REMINGTON 1-34A3	34	010S	030W	4301330139	1670	FEE	OW	PA	
ANDERSON 1-28A2	28	010S	020W	4301330150	5895	FEE	OW	PA	
RHOADES MOON 1-35B5	35	020S	050W	4301330155	5270	FEE	OW	PA	
JOHN 1-3B2	03	020S	020W	4301330160	5765	FEE	OW	PA	
SMITH 1-6C5	06	030S	050W	4301330163	5385	FEE	OW	PA	
HORROCKS FEE 1-3A1	03	010S	010W	4301330171	5505	FEE	OW	PA	
WARREN 1-32A4	32	010S	040W	4301330174	9139	FEE	OW	PA	
JENSEN FENZEL 1-20C5	20	030S	050W	4301330177	4730	FEE	OW	PA	
MYRIN RANCH 1-13B4	13	020S	040W	4301330180	4524	FEE	OW	PA	
BROTHERSON 1-27B4	27	020S	040W	4301330185	1775	FEE	OW	PA	
JENSEN 1-31A5	31	010S	050W	4301330186	4735	FEE	OW	PA	
ROBERTSON 1-29A2	29	010S	020W	4301330189	4740	FEE	OW	PA	
WINKLER 1-28A3	28	010S	030W	4301330191	5465	FEE	OW	PA	
CHENEY 1-33A2	33	010S	020W	4301330202	1750	FEE	OW	PA	
J LAMICQ STATE 1-6B1	06	020S	010W	4301330210	5730	FEE	OW	PA	
REESE ESTATE 1-10B2	10	020S	020W	4301330215	5700	FEE	OW	PA	
REEDER 1-17B5	17	020S	050W	4301330218	5460	FEE	OW	PA	
ROBERTSON UTE 1-2B2	02	020S	020W	4301330225	1710	FEE	OW	PA	
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA	
BROTHERSON 1-22B4	22	020S	040W	4301330227	5935	FEE	OW	PA	
ALLRED 1-16A3	16	010S	030W	4301330232	1780	FEE	OW	PA	
BIRCH 1-35A5	35	010S	050W	4301330233	9116	FEE	OW	PA	
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	OW	PA	
BUZZI 1-11B2	11	020S	020W	4301330248	6335	FEE	OW	PA	
SHISLER 1-3B1	03	020S	010W	4301330249	5960	FEE	OW	PA	
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA	
EVANS UTE 1-19B3	19	020S	030W	4301330265	1870	FEE	OW	PA	
SHELL 2-27A4	27	010S	040W	4301330266	1776	FEE	WD	PA	
DYE 1-29A1	29	010S	010W	4301330271	99990	FEE	OW	PA	
VODA UTE 1-4C5	04	030S	050W	4301330283	4530	FEE	OW	PA	
BROTHERSON 1-28A4	28	010S	040W	4301330292	9114	FEE	OW	PA	
MEAGHER 1-4B2	04	020S	020W	4301330313	8402	FEE	OW	PA	
NORLING 1-9B1	09	020S	010W	4301330315	1811	FEE	OW	PA	
S. BROADHEAD 1-9C5	09	030S	050W	4301330316	5940	FEE	OW	PA	

TIMOTHY 1-09A3	09	010S	030W	4301330321	10883	FEE	OW	PA
BARRETT 1-34A5	34	010S	050W	4301330323	9115	FEE	OW	PA
MEAGHER TRIBAL 1-9B2	09	020S	020W	4301330325	9121	FEE	OW	PA
PHILLIPS UTE 1-3C5	03	030S	050W	4301330333	1816	FEE	OW	PA
ELLSWORTH 1-20B4	20	020S	040W	4301330351	6375	FEE	OW	PA
LAWSON 1-28A1	28	010S	010W	4301330358	5915	FEE	OW	PA
AMES 1-23A4	23	010S	040W	4301330375	1901	FEE	OW	PA
HORROCKS 1-6A1	06	010S	010W	4301330390	5675	FEE	OW	PA
SHRINE HOSPITAL 1-10C5	10	030S	050W	4301330393	5565	FEE	OW	PA
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA
SWD POWELL 3	13	010S	020W	4301330478	10708	FEE	WD	PA
BODRERO 1-15B3	15	020S	030W	4301330565	4534	FEE	OW	PA
MOON TRIBAL 1-30C4	30	030S	040W	4301330576	2360	FEE	OW	PA
DUNCAN 2-9B5	09	020S	050W	4301330719	5440	FEE	OW	PA
FISHER 1-16A4	16	010S	040W	4301330737	2410	FEE	OW	PA
URRUTY 2-34A2	34	010S	020W	4301330753	9117	FEE	OW	PA
GOODRICH 1-24A4	24	010S	040W	4301330760	2415	FEE	OW	PA
CARL SMITH 2-25A4	25	010S	040W	4301330776	9136	FEE	OW	PA
ANDERSON 1-A30B1	30	020S	010W	4301330783	9137	FEE	OW	PA
CADILLAC 3-6A1	06	010S	010W	4301330834	6316	FEE	OW	PA
MCELPRANG 2-31A1	31	010S	010W	4301330836	8439	FEE	OW	PA
REESE ESTATE 2-10B2	10	020S	020W	4301330837	2417	FEE	OW	PA
CLARK 2-9A3	09	010S	030W	4301330876	2416	FEE	OW	PA
JENKINS 3-16A3	16	010S	030W	4301330877	9790	FEE	OW	PA
CHRISTENSEN 2-26A5	26	010S	050W	4301330905	10710	FEE	OW	PA
FORD 2-36A5	36	010S	050W	4301330911	9630	FEE	OW	PA
MORTENSEN 2-32A2	32	010S	020W	4301330929	9486	FEE	OW	PA
WILKERSON 1-20Z1	20	010N	010W	4301330942	5452	FEE	OW	PA
UTE TRIBAL 2-4A3 S	04	010S	030W	4301330950	10230	FEE	OW	PA
OBERHANSKY 2-31Z1	31	010N	010W	4301330970	9262	FEE	OW	PA
MORRIS 2-7A3	07	010S	030W	4301330977	9725	FEE	OW	PA
POWELL 2-08A3	08	010S	030W	4301330979	10175	FEE	OW	PA
FISHER 2-6A3	06	010S	030W	4301330984	10110	FEE	OW	PA
JACOBSEN 2-12A4	12	010S	040W	4301330985	10480	FEE	OW	PA
CHENEY 2-33A2	33	010S	020W	4301331042	10313	FEE	OW	PA
HANSON TRUST 2-29A3	29	010S	030W	4301331043	5306	FEE	OW	PA
BURTON 2-15B5	15	020S	050W	4301331044	10205	FEE	OW	PA
EVANS-UTE 2-17B3	17	020S	030W	4301331056	10210	FEE	OW	PA
ELLSWORTH 2-20B4	20	020S	040W	4301331090	5336	FEE	OW	PA
REMINGTON 2-34A3	34	010S	030W	4301331091	1902	FEE	OW	PA
WINKLER 2-28A3	28	010S	030W	4301331109	4519	FEE	OW	PA
TEW 2-10B5	10	020S	050W	4301331125	1751	FEE	OW	PA
LINDSAY 2-33A4	33	010S	040W	4301331141	1756	FEE	OW	PA
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA
POWELL 4-13A2	13	010S	020W	4301331336	11177	FEE	GW	PA
DUMP 2-20A3	20	010S	030W	4301331505	11691	FEE	OW	PA
SMITH 2X-23C7	23	030S	070W	4301331634	12382	FEE	D	PA
MORTENSEN 3-32A2	32	010S	020W	4301331872	11928	FEE	OW	PA
TODD USA ST 1-2B1	02	020S	010W	4304730167	99998	FEE	OW	PA
STATE 1-7B1E	07	020S	010E	4304730180	5555	FEE	OW	PA
BACON 1-10B1E	10	020S	010E	4304730881	5550	FEE	OW	PA
PARIETTE DRAW 28-44	28	040S	010E	4304731408	4537	FEE	OW	PA
REYNOLDS 2-7B1E	07	020S	010E	4304731840	4960	FEE	OW	PA
STATE 2-35A2	35	010S	020W	4301330156	4715	ML-22874	OW	PA
UTAH STATE L B 1-11B1	11	020S	010W	4304730171	5530	ML-23655	OW	PA
STATE 1-8A3	08	010S	030W	4301330286	5655	ML-24316	OW	PA
UTAH FEDERAL 1-24B1	24	020S	010W	4304730220	590	ML-26079	OW	PA
CEDAR RIM 15	34	030S	060W	4301330383	6395	14-20-462-1329	OW	S

UTE TRIBAL 2-24C7	24	030S	070W	4301331028	10240	14-20-H62-1135	OW	S	
CEDAR RIM 12	28	030S	060W	4301330344	6370	14-20-H62-1323	OW	S	
CEDAR RIM 16	33	030S	060W	4301330363	6390	14-20-H62-1328	OW	S	
SPRING HOLLOW 2-34Z3	34	010N	030W	4301330234	5255	14-20-H62-1480	OW	S	
EVANS UTE 1-17B3	17	020S	030W	4301330274	5335	14-20-H62-1733	OW	S	
UTE JENKS 2-1-B4 G	01	020S	040W	4301331197	10844	14-20-H62-1782	OW	S	
UTE 3-12B3	12	020S	030W	4301331379	11490	14-20-H62-1810	OW	S	
UTE TRIBAL 9-4B1	04	020S	010W	4301330194	5715	14-20-H62-1969	OW	S	
UTE TRIBAL 2-21B6	21	020S	060W	4301331424	11615	14-20-H62-2489	OW	S	
UTE 1-33B6	33	020S	060W	4301330441	1230	14-20-H62-2493	OW	S	
UTE 2-22B5	22	020S	050W	4301331122	10453	14-20-H62-2509	OW	S	
UTE 1-18B1E	18	020S	010E	4304730969	9135	14-20-H62-2864	OW	S	
LAUREN UTE 1-23A3	23	010S	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	020S	060W	4301331434	11624	14-20-H62-4622	OW	S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631	OW	S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12	010S	020W	4301330013	5875	FEE	OW	S	
CEDAR RIM 2	20	030S	060W	4301330019	6315	FEE	OW	S	
URRUTY 2-9A2	09	010S	020W	4301330046	5855	FEE	OW	S	
BROTHERSON 1-14B4	14	020S	040W	4301330051	1535	FEE	OW	S	
RUST 1-4B3	04	020S	030W	4301330063	1575	FEE	OW	S	
MONSEN 1-21A3	21	010S	030W	4301330082	1590	FEE	OW	S	
BROTHERSON 1-10B4	10	020S	040W	4301330110	1614	FEE	OW	S	
FARNSWORTH 1-12B5	12	020S	050W	4301330124	1645	FEE	OW	S	
ELLSWORTH 1-16B4	16	020S	040W	4301330192	1735	FEE	OW	S	
MARSHALL 1-20A3	20	010S	030W	4301330193	9340	FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31	020S	040W	4301330198	4745	FEE	OW	S	
ROPER 1-14B3	14	020S	030W	4301330217	1850	FEE	OW	S	
BROTHERSON 1-24B4	24	020S	040W	4301330229	1865	FEE	OW	S	
BROTHERSON 1-33A4	33	010S	040W	4301330272	1680	FEE	OW	S	
BROTHERSON 1-23B4	23	020S	040W	4301330483	8423	FEE	OW	S	
SMITH ALBERT 2-8C5	08	030S	050W	4301330543	5495	FEE	OW	S	
VODA JOSEPHINE 2-19C5	19	030S	050W	4301330553	5650	FEE	OW	S	
HANSEN 1-16B3	16	020S	030W	4301330617	9124	FEE	OW	S	
BROTHERSON 1-25B4	25	020S	040W	4301330668	9126	FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27	010S	040W	4301330915	9632	FEE	OW	S	
HANSKUTT 2-23B5	23	020S	050W	4301330917	9600	FEE	OW	S	
TIMOTHY 3-18A3	18	010S	030W	4301330940	9633	FEE	OW	S	
BROTHERSON 2-3B4	03	020S	040W	4301331008	10165	FEE	OW	S	
BROTHERSON 2-22B4	22	020S	040W	4301331086	1782	FEE	OW	S	
MILES 2-35A4	35	010S	040W	4301331087	1966	FEE	OW	S	
ELLSWORTH 2-17B4	17	020S	040W	4301331089	1696	FEE	OW	S	
RUST 2-36A4	36	010S	040W	4301331092	1577	FEE	OW	S	
EVANS 2-19B3	19	020S	030W	4301331113	1777	FEE	OW	S	
FARNSWORTH 2-12B5	12	020S	050W	4301331115	1646	FEE	OW	S	
CHRISTENSEN 3-4B4	04	020S	040W	4301331142	10481	FEE	OW	S	
ROBERTSON 2-29A2	29	010S	020W	4301331150	10679	FEE	OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671	FEE	OW	S	

HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	OW	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	OW	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	OW	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	OW	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	OW	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S	
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S	
IORG 2-10B3	10	020S	030W	4301331388	11482	FEE	OW	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	OW	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	

## SURFACE DAMAGE RELEASE

This Surface Damage Release is made and entered into as of this 15th day of June, 2015, by and between **Kaye Seeley and Julia Rae Seeley, a Joint Tenancy**, whose mailing address is HC 65 Box 65, Bluebell, Utah 84007, hereinafter referred to as "Surface Owner" and **EP ENERGY E&P COMPANY L.P.** (formerly El Paso E&P Company, L.P.), whose address is 1001 Louisiana Street, Houston, TX 77002 hereinafter referred to as "EP Energy."

WITNESSETH

**WHEREAS**, EP ENERGY is the operator of record of the following well, to wit:

Well Name : Lotridge-Gates 1-3B3 4301330117  
Location : NE ¼, SEC 3, T2S, R3W, USM  
County/State : Duchesne County, Utah

(the "Well") and;

**WHEREAS**, on or about September 29, 2010, the Well was plugged and abandoned in accordance with the rules and regulations of the State of Utah, Oil, Gas, & Mining Division; and surface equipment belonging to EP Energy has been removed from the Well location, and;

**WHEREAS**, the surface has been restored as near as practicable to its original condition and in accordance with the rules and regulations of the State of Utah.

NOW THEREFORE, the consideration of Ten Dollars (\$10.00) and other valuable consideration paid by EP Energy to the Surface Owner is accepted by Surface Owner as full and final settlement. Surface Owner does hereby release and forever discharge EP Energy, its agents, contractors, officers and employees, from any and all claims, demands and causes of action of whatsoever kind or nature.

Executed as of the date first written above.

**SURFACE OWNER:**

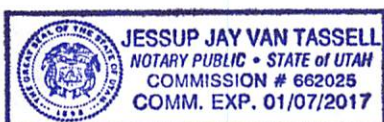
By: Kaye Seeley  
Name: Kaye Seeley

By: Julia Rae Seeley  
Name: Julia Rae Seeley

## ACKNOWLEDGEMENT

STATE OF Utah §  
§ SS  
COUNTY OF Duchesne §

The foregoing instrument was acknowledged before me this 20 day of July, 2015, by **Kaye Seeley and Julia Rae Seeley, a Joint Tenancy**.



[Signature]  
Notary Public